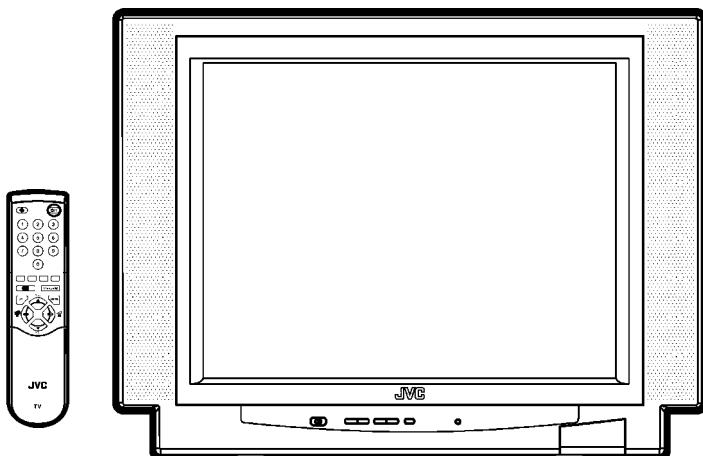




SERVICE MANUAL

COLOUR TELEVISION

**AV-28BH8ENS / AV-28BH8ENB
AV-28BH8EPS / AV-28BH8EPB
AV-28BH8EES / AV-28BH8EEB
AV-28BH88EN**



The following item for the AV-28BH8 series models were changed partly from AV28BH7 series models.

Therefore, this service manual describes only the parts list of the AV28BH7 series models.

For details other than those described in this manual, please refer to the AV28BH7 series model service manual (No.51967, Apr. 2002).

■ OUTLINE

Since the black mute for PR(channel) was changed (AV-28BH8 series) and the 3D PANORAMA was added (AV-28BH88EN), we have issued this service manual.

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AV-28BH8ENS / AV-28BH8ENB
 AV-28BH8EPS / AV-28BH8EPB
 AV-28BH8EES / AV-28BH8EEB
 AV-28BH88EN

MAIN DIFFERENCE LIST

| △ | Parts name | Parts No. | | |
|---|----------------------------|--|-------------|---|
| | | AV-28BH8ENS AV-28BH8EPS AV-28BH8EES | AV-28BH88EN | AV-28BH8ENB AV-28BH8EPB AV-28BH8EEB |
| △ | MAIN PWB | VE-20106737 [ENS] VE-20106734 [EPS] VE-20106738 [EES] | VE-20105619 | VE-20106737 [ENB] VE-20106734 [EPB] VE-20106738 [EEB] |
| △ | BUTTON ON/OFF | VE-20083491 | ← | VE-20069016 |
| △ | FRONT PANEL (LENS) | VE-20069218 | VE-20096162 | VE-20069218 |
| △ | FRONT CABINET | VE-20082289 | ← | VE-20069020 |
| △ | FUNCTION BUTTON | VE-20083502 | ← | VE-20069014 |
| △ | FRONT AV DOOR | VE-20086219 | ← | VE-20069213 |
| △ | BACK COVER | VE-20084616 | ← | VE-20069018 |
| △ | BACK DOOR | VE-20087523 | ← | VE-20040684 |
| | LOGO JVC | VE-40009154 | ← | VE-40009152 |
| △ | LABEL (RATING / SERIAL) | VE-20109955 [ENS] VE-20107839 [ENS (for Italy)] VE-20107846 [EPS] VE-20110102 [EES] VE-20107830 [EES (for Poland)] | VE-20103714 | VE-20109962 [ENB] VE-20107843 [EPB] VE-20110867 [EEB] VE-20107826 [EEB (for Poland)] |
| △ | WARNING LABEL | VE-50020786 [EES only] | × | VE-50020786 [EEB only] |
| | CARTON BOX | VE-50031251 [ENS] VE-50030576 [ENS (for Italy)] VE-50030581 [EPS] VE-50031341 [EES] VE-50030521 [EES (for Poland)] | VE-50028963 | VE-50031318 [ENB] VE-50030579 [EPB] VE-50031617 [EEB] VE-50030519 [EEB (for Poland)] |
| △ | INST BOOK | VE-50030573 [ENS] VE-50030578 [EPS] VE-50030518 [EES] | VE-50028965 | VE-50030573 [ENB] VE-50030578 [EPB] VE-50030518 [EEB] |

PARTS LIST

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| ■ PRINTED WIRING BOARD PARTS LIST | |

[AV-28BH8ENS / AV-28BH8ENB]

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| ● MAIN P.W. BOARD ASS'Y | 6 |
| ● MULTISOUND P.W. BOARD ASS'Y (Common to all models) | 10 |
| ● FEATURE BOX P.W. BOARD ASS'Y (Common to all models) | 11 |
| ● CRT SOCKET P.W. BOARD ASS'Y (Common to all models) | 13 |
| ● FRONT CONTROL P.W. BOARD ASS'Y (Common to all models) | 14 |
| ● FRONT AV & HEADPHONE P.W. BOARD ASS'Y (Common to all models) | 14 |

[AV-28BH8EPS / AV-28BH8EPB]

| | |
|-------------------------------|----|
| ● MAIN P.W. BOARD ASS'Y | 15 |
|-------------------------------|----|

[AV-28BH8EES / AV-28BH8EEB]

| | |
|-------------------------------|----|
| ● MAIN P.W. BOARD ASS'Y | 19 |
|-------------------------------|----|

[AV-28BH88EN]

| | |
|--------------------------------------|----|
| ● MAIN P.W. BOARD ASS'Y | 23 |
| ■ PACKING / PACKING PARTS LIST | 27 |

USING P.W. BOARD & REMOTE CONTROL UNIT

| PWB ASS'Y | Model | AV-28BH8ENS AV-28BH8ENB | AV-28BH8EPS AV-28BH8EPB | AV-28BH8EES AV-28BH8EEB | AV-28BH88EN |
|--------------------------|-------------------------|----------------------------|----------------------------|----------------------------|-------------|
| MAIN PWB | VE-20106737 | VE-20106734 | VE-20106738 | VE-20105619 | |
| MULTISOUND PWB | VE-20103705 | ← | ← | ← | |
| FEATURE BOX PWB | VE-20055386 | ← | ← | ← | |
| CRT SOCKET PWB | VE-20086313 | ← | ← | ← | |
| FRONT CONTROL PWB | VE-20082481 | ← | ← | ← | |
| FRONT AV & HEADPHONE PWB | VE-20083091 | ← | ← | ← | |
| REMOTE CONTROL UNIT | VE-30015781 (RM-C85) | ← | ← | ← | |

AV-28BH8ENS / AV-28BH8ENB
 AV-28BH8EPS / AV-28BH8EPB
 AV-28BH8EES / AV-28BH8EEB
 AV-28BH88EN

EXPLODED VIEW PARTS LIST

[SILVER model : AV-28BH8ENS, AV-28BH8EPS, AV-28BH8EES, AV-28BH88EN]

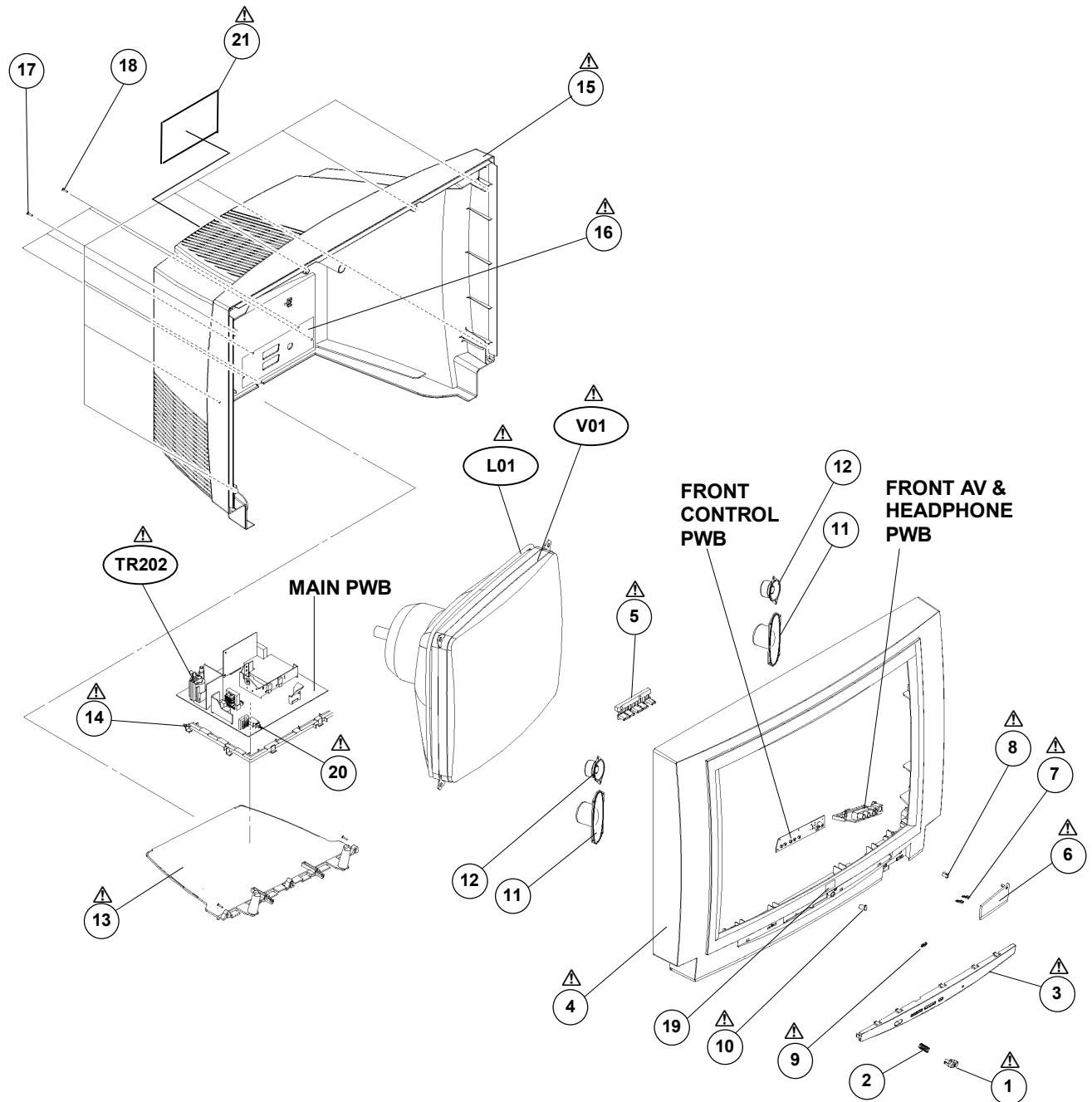
| △ Ref.No. | Part No. | Part Name | Description |
|-----------|-------------|--|-------------|
| △ V01 | VE-30002754 | PICTURE TUBE | |
| △ L01 | VE-30002728 | DEG.COIL & EARTH | |
| △ TR202 | VE-30016922 | FBT (within MAIN PWB) | |
| △ 1 | VE-20083491 | BUTTON ON/OFF | |
| 2 | VE-35004544 | SPRING | |
| △ 3 | VE-20069218 | FRONT PANEL (LENS) [AV-28BH8ENS, EPS, EES] | |
| △ 3 | VE-20096162 | FRONT PANEL (LENS) [AV-28BH88EN] | |
| △ 4 | VE-20082289 | FRONT CABINET | |
| △ 5 | VE-20083502 | FUNCTION BUTTON | |
| △ 6 | VE-20086219 | FRONT AV DOOR | |
| △ 7 | VE-20003605 | PIN (FRONT AV DOOR) (X2) | |
| △ 8 | VE-40000026 | EJECTOR | |
| △ 9 | VE-20078776 | LENS LED | |
| △ 10 | VE-20004339 | LENS PRE-AMP | |
| 11 | VE-30001946 | SPEAKER (57x160mm) (X2) | |
| 12 | VE-30001947 | TWEETER (CLOSED) (X2) | |
| △ 13 | VE-20081578 | BASE | |
| △ 14 | VE-20069012 | CHASSIS FRAME | |
| △ 15 | VE-20084616 | BACK COVER | |
| △ 16 | VE-20087523 | BACK DOOR | |
| 17 | VE-35004572 | SCREW (X8) | |
| 18 | VE-35000211 | SCREW (X4) | |
| 19 | VE-40009154 | LOGO JVC | |
| △ 20 | VE-30002174 | MAIN SWITC(H)ON/OFF) | |
| △ 21 | VE-20109955 | LABEL [AV-28BH8ENS] | |
| △ 21 | VE-20107839 | LABEL [AV-28BH8ENS(for Italy)] | |
| △ 21 | VE-20107846 | LABEL [AV-28BH8EPS] | |
| △ 21 | VE-20110102 | LABEL [AV-28BH8EES] | |
| △ 21 | VE-20107830 | LABEL [AV-28BH8EES(for Poland)] | |
| △ 21 | VE-20103714 | LABEL [AV-28BH88EN] | |
| △ -- | VE-30002385 | POWER CORD | |
| △ -- | VE-30002368 | AC CABLE | |
| △ -- | VE-50020786 | WARNING LABEL [AV-28BH8EES only] | |

[BLACK model : AV-28BH8ENB, AV-28BH8EPB, AV-28BH8EEB]

| △ Ref.No. | Part No. | Part Name | Description |
|-----------|-------------|--|-------------|
| △ V01 | VE-30002754 | PICTURE TUBE | |
| △ L01 | VE-30002728 | DEG.COIL & EARTH | |
| △ TR202 | VE-30016922 | FBT (within MAIN PWB) | |
| △ 1 | VE-20069016 | BUTTON ON/OFF | |
| 2 | VE-35004544 | SPRING | |
| △ 3 | VE-20069218 | FRONT PANEL (LENS) [AV-28BH8ENB, EPB, EEB] | |
| △ 4 | VE-20069020 | FRONT CABINET | |
| △ 5 | VE-20069014 | FUNCTION BUTTON | |
| △ 6 | VE-20069213 | FRONT AV DOOR | |
| △ 7 | VE-20003605 | PIN (FRONT AV DOOR) (X2) | |
| △ 8 | VE-40000026 | EJECTOR | |
| △ 9 | VE-20078776 | LENS LED | |
| △ 10 | VE-20004339 | LENS PRE-AMP | |
| 11 | VE-30001946 | SPEAKER (57x160mm) (X2) | |
| 12 | VE-30001947 | TWEETER (CLOSED) (X2) | |
| △ 13 | VE-20081578 | BASE | |
| △ 14 | VE-20069012 | CHASSIS FRAME | |
| △ 15 | VE-20069018 | BACK COVER | |
| △ 16 | VE-20040684 | BACK DOOR | |
| 17 | VE-35004572 | SCREW (X8) | |
| 18 | VE-35000211 | SCREW (X4) | |
| 19 | VE-40009152 | LOGO JVC | |
| △ 20 | VE-30002174 | MAIN SWITC(H)ON/OFF) | |
| △ 21 | VE-20109962 | LABEL [AV-28BH8ENB] | |
| △ 21 | VE-20107843 | LABEL [AV-28BH8EPB] | |
| △ 21 | VE-20110867 | LABEL [AV-28BH8EEB] | |
| △ 21 | VE-20107826 | LABEL [AV-28BH8EEB(for Poland)] | |
| △ -- | VE-30002385 | POWER CORD | |
| △ -- | VE-30002368 | AC CABLE | |
| △ -- | VE-50020786 | WARNING LABEL [AV-28BH8EEB only] | |

AV-28BH8ENS / AV-28BH8ENB
AV-28BH8EPS / AV-28BH8EPB
AV-28BH8EES / AV-28BH8EEB
AV-28BH88EN

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

[AV-28BH8ENS / AV-28BH8ENB]

MAIN P.W. BOARD ASS'Y (VE-20106737)

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------------------|------------|-------------|-----------|---------------|
| VARIABLE RESISTOR | | | | |
| | VR127 | VE-30001041 | ADJ RES. | 1/6W 1K M VER |

RESISTOR

| | | | |
|------|-------------|-----------|--------------------|
| R101 | VE-30000668 | SMD RES. | 1/10W 33K J |
| R102 | VE-30007782 | MF RES. | 1/4W 3.9M F |
| R103 | VE-30000855 | MF RES. | 1/4W 1M F |
| R104 | VE-30000668 | SMD RES. | 1/10W 33K J |
| R105 | VE-30000452 | CF RES. | 1/4W 10R J |
| R106 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| R107 | VE-30007019 | SMD RES. | 1/10W 10K F |
| R108 | VE-30007784 | MO RES. | 5W 33K J (RADIAL) |
| R109 | VE-30001270 | PTC | 9 OHM |
| R116 | VE-30001171 | MO RES. | 2W 4.7K J |
| R117 | VE-30001257 | MG RES. | 1/2W 4.7M J |
| R118 | VE-30009036 | FUSE RES. | 1/2W 0.1R J |
| R119 | VE-30009036 | FUSE RES. | 1/2W 0.1R J |
| R120 | VE-30000814 | SMD RES. | 1/10W 820R J |
| R122 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R123 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R124 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R125 | VE-30000927 | MF RES. | 1/4W 220K J |
| R126 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| R127 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R128 | VE-30000536 | CF RES. | 1/4W 150K J |
| R129 | VE-30007019 | SMD RES. | 1/10W 10K F |
| R130 | VE-3000721 | SMD RES. | 1/10W 4.7K J |
| R134 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R135 | VE-30007790 | SMD RES. | 1/10W 4.3K F |
| R136 | VE-30000774 | SMD RES. | 1/10W 680R J |
| R137 | VE-30007021 | SMD RES. | 1/10W 1K F |
| R138 | VE-30007786 | SMD RES. | 1/10W 2.55K F |
| R139 | VE-30000774 | SMD RES. | 1/10W 680R J |
| R140 | VE-30000459 | CF RES. | 1/4W 100R J |
| R141 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R142 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R143 | VE-30007021 | SMD RES. | 1/10W 1K F |
| R144 | VE-30007788 | SMD RES. | 1/10W 2.7K F |
| R145 | VE-30000732 | SMD RES. | 1/10W 470K J |
| R146 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R148 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY |
| R149 | VE-30007204 | MF RES. | 1/2W 1.5M F |
| R150 | VE-30007783 | FUSE RES. | 1/4W 2.2R J |
| R151 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY |
| R152 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R153 | VE-30012649 | SMD RES. | 1/16W 150R J |
| R154 | VE-30012984 | SMD RES. | 1/16W 91R J |
| R155 | VE-30000712 | CF RES. | 1/4W 470R J |
| R156 | VE-30001089 | MO RES. | 2W 1R J |
| R157 | VE-30000534 | SMD RES. | 1/10W 15K J |
| R158 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R159 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R160 | VE-30006923 | SMD RES. | 1/10W 4.3K J |
| R202 | VE-30007779 | MO RES. | 5W 47R J (RADIAL) |
| R203 | VE-30000631 | SMD RES. | 1/10W 2.7K J |
| R205 | VE-30017136 | MO RES. | 1W 0.56R J |
| R206 | VE-30001080 | MO RES. | 2W 100R J |
| R210 | VE-30000583 | CF RES. | 1/4W 220R J |
| R211 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R212 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| R213 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| R214 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| R215 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R216 | VE-30000631 | SMD RES. | 1/10W 2.7K J |
| R217 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| R218 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R220 | VE-30000590 | CF RES. | 1/4W 2.2K J |
| R225 | VE-30001086 | MO RES. | 2W 10K J |
| R226 | VE-30001168 | MO RES. | 2W 470R J |
| R227 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R228 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R229 | VE-30000727 | SMD RES. | 1/10W 47K J |
| R230 | VE-30000902 | MF RES. | 1/4W 1.8K F |
| R231 | VE-30001229 | FUSE RES. | 1W 2.2R J |
| R232 | VE-30001027 | MF RES. | 1/4W 82K J |
| R233 | VE-30001244 | FUSE RES. | 1/2W 0.47R J |
| R234 | VE-30009036 | FUSE RES. | 1/2W 0.1R J |
| R235 | VE-30000668 | SMD RES. | 1/10W 33K J |
| R236 | VE-30000718 | CF RES. | 1/4W 4.7K J |

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|------------|----------|-----------|-------------|
| RESISTOR | | | | |

| | | | | |
|---|------|--------------|-----------|--------------|
| △ | R237 | VE-30001244 | FUSE RES. | 1/2W 0.47R J |
| | R238 | VE-30000729 | CF RES. | 1/4W 470K J |
| △ | R239 | VE-30001215 | FUSE RES. | 1W 1R J |
| | R240 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R241 | VE-30000818 | SMD RES. | 1/10W 8.2K J |
| | R242 | VE-30000784 | CF RES. | 1/4W 680K J |
| | R245 | VE-30000466 | CF RES. | 1/4W 1K J |
| | R246 | VE-30001027 | MF RES. | 1/4W 82K J |
| | R250 | VE-30000477 | CF RES. | 1/4W 100K J |
| | R251 | VE-30000477 | CF RES. | 1/4W 100K J |
| | R252 | VE-30007789 | SMD RES. | 1/10W 27K F |
| | R254 | VE-30000636 | SMD RES. | 1/10W 27K J |
| | R255 | VE-30001134 | MO RES. | 2W 2.2R J |
| | R256 | VE-30001100 | MO RES. | 1W 150R J |
| | R257 | VE-30001173 | MO RES. | 1W 0.47R J |
| | R260 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| | R261 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| △ | R262 | VE-30001237 | FUSE RES. | 1/2W 3.3R J |
| | R264 | VE-30001077 | MO RES. | 2W 10R J |
| | R270 | VE-30000541 | CF RES. | 1/4W 1.5M J |
| | R271 | VE-30000744 | CF RES. | 1/4W 560R J |
| | R272 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R280 | VE-30000727 | SMD RES. | 1/10W 47K J |
| | R281 | VE-30000480 | SMD RES. | 1/10W 100K J |
| | R318 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R322 | VE-30000594 | CF RES. | 1/4W 22K J |
| | R323 | VE-30000459 | CF RES. | 1/4W 100R J |
| | R324 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R327 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R360 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R361 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R362 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R363 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R364 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R365 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R366 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R367 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R368 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R369 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R370 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R371 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R372 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R373 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R374 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R375 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R376 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R378 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R379 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R380 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R381 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R382 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R383 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R384 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R385 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R397 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R398 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R411 | VE-30000747 | SMD RES. | 1/10W 560R J |
| | R412 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R413 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R414 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R415 | VE-30000517 | SMD RES. | 1/10W 15R J |
| | R416 | VE-30000717 | SMD RES. | 1/10W 470R J |
| | R421 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| | R422 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R424 | VE-300007021 | SMD RES. | 1/10W 1K F |
| | R425 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R428 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R429 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R440 | VE-30000534 | SMD RES. | 1/10W 15K J |
| | R441 | VE-30000818 | SMD RES. | 1/10W 8.2K J |
| | R445 | VE-30000814 | SMD RES. | 1/10W 820R J |
| | R475 | VE-30000524 | SMD RES. | 1/10W 150R J |
| | R480 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| | R490 | VE-30000466 | CF RES. | 1/4W 1K J |
| | R492 | VE-30000503 | SMD RES. | 1/10W 12K J |
| | R506 | VE-30012695 | SMD RES. | 1/16W 470R J |
| | R509 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R510 | VE-30000721 | SMD RES. | 1/10W 1K F |
| | R511 | VE-30000464 | SMD RES. | 1/10W 100R J |

[AV-28BH8ENS / AV-28BH8ENB]

| △ | Symbol No. | Part No. | Part Name | Description | △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|----------|--------------|-------------|------|--------------|----------|------------------------|-------------|
| RESISTOR | | | | | | | | | |
| R512 | VE-30000464 | SMD RES. | 1/10W 100R J | | C100 | VE-30000098 | MKT CAP. | 3.3NF 63V J | |
| R513 | VE-30000457 | SMD RES. | 1/10W 10R J | | C101 | VE-30000371 | EL CAP. | 220F 50V M | |
| R518 | VE-30000735 | SMD RES. | 1/10W 4.7R J | | C102 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| R801 | VE-30000718 | CF RES. | 1/4W 4.7K J | | C103 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| R802 | VE-30000718 | CF RES. | 1/4W 4.7K J | | C104 | VE-30012323 | MKT CAP. | 1NF 100V J WIMA FK12 | |
| R803 | VE-30000628 | CF RES. | 1/4W 2.7K J | | C105 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| R804 | VE-30000475 | SMD RES. | 1/10W 10K J | | C106 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| R805 | VE-30000534 | SMD RES. | 1/10W 15K J | | C107 | VE-30000263 | SMD CAP. | 56PF 50V J CH | |
| R806 | VE-30000531 | CF RES. | 1/4W 15K J | | C108 | VE-30000123 | PP CAP. | 33NF 630V K | |
| R807 | VE-30000567 | SMD RES. | 1/10W 18K J | | C109 | VE-30000159 | MKP CAP. | 4.7NF 1.6KV J | |
| R808 | VE-30000734 | CF RES. | 1/4W 4.7R J | | C110 | VE-30000208 | CER CAP. | 470PF 1KV K (PULSE) | |
| R809 | VE-30000717 | SMD RES. | 1/10W 470R J | | C111 | VE-30000131 | MKP CAP. | 100NF 250V J | |
| R810 | VE-30000564 | CF RES. | 1/4W 18K J | | C112 | VE-30000094 | MKT CAP. | 220NF AC275V M | |
| R811 | VE-30000717 | SMD RES. | 1/10W 470R J | | C114 | VE-30000353 | EL CAP. | 100UF 25V M | |
| R812 | VE-30000734 | CF RES. | 1/4W 4.7R J | | C115 | VE-30007858 | MKT CAP. | 470NF AC275V M (P=22.5 | |
| R813 | VE-30000475 | SMD RES. | 1/10W 10K J | | C118 | VE-300007755 | MKT CAP. | 680NF AC275V M X2 | |
| R819 | VE-30000734 | CF RES. | 1/4W 4.7R J | | C119 | VE-300007754 | MKP CAP. | 1UF 400V | |
| R820 | VE-30000734 | CF RES. | 1/4W 4.7R J | | C120 | VE-300007753 | MKP CAP. | 1NF 1KV | |
| R900 | VE-30012641 | SMD RES. | 1/16W 10K J | | C121 | VE-30013690 | EL CAP. | 220UF 450V M 105°C | |
| R901 | VE-30012641 | SMD RES. | 1/16W 10K J | | C122 | VE-30000447 | CER CAP. | 4.7NF 4KV M E | |
| R902 | VE-30012641 | SMD RES. | 1/16W 10K J | | C124 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| R903 | VE-30000718 | CF RES. | 1/4W 4.7K J | | C125 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| R904 | VE-30000718 | CF RES. | 1/4W 4.7K J | | C130 | VE-300007708 | CER CAP. | 1NF 1KV K (PULSE) | |
| R905 | VE-30000723 | CF RES. | 1/4W 47K J | | C131 | VE-300006909 | EL CAP. | 100UF M 250V | |
| R906 | VE-30012696 | SMD RES. | 1/16W 10K J | | C132 | VE-300007750 | EL CAP. | 470UF 35V (H/R 1150MA) | |
| R907 | VE-30012679 | SMD RES. | 1/16W 3.9K J | | C133 | VE-30000409 | EL CAP. | 470UF 25V M | |
| R908 | VE-30012679 | SMD RES. | 1/16W 3.9K J | | C134 | VE-300007750 | EL CAP. | 470UF 35V (H/R 1150MA) | |
| R909 | VE-30000531 | CF RES. | 1/4W 15K J | | C135 | VE-300007748 | EL CAP. | 1000UF 35V M | |
| R910 | VE-30000531 | CF RES. | 1/4W 15K J | | C136 | VE-300007748 | EL CAP. | 1000UF 35V M | |
| R911 | VE-30012641 | SMD RES. | 1/16W 10K J | | C137 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| R912 | VE-30000471 | CF RES. | 1/4W 10K J | | C138 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| R913 | VE-30012641 | SMD RES. | 1/16W 10K J | | C139 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| R914 | VE-30000471 | CF RES. | 1/4W 10K J | | C140 | VE-30000360 | EL CAP. | 1000UF 25V M | |
| R915 | VE-30000471 | CF RES. | 1/4W 10K J | | C141 | VE-30000352 | EL CAP. | 1000UF 16V M | |
| R916 | VE-30012695 | SMD RES. | 1/16W 470R J | | C142 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| R917 | VE-30012987 | SMD RES. | 1/16W 56R J | | C143 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| R918 | VE-30012692 | SMD RES. | 1/16W 4.7K J | | C144 | VE-30000352 | EL CAP. | 100UF 16V M | |
| R919 | VE-30012657 | SMD RES. | 1/16W 1K J | | C145 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| R920 | VE-30012657 | SMD RES. | 1/16W 1K J | | C146 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| R921 | VE-30012657 | SMD RES. | 1/16W 1K J | | C147 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| R922 | VE-30012657 | SMD RES. | 1/16W 1K J | | C148 | VE-30000294 | SND CAP. | 100NF 50V K | |
| R923 | VE-30012657 | SMD RES. | 1/16W 1K J | | C149 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| R924 | VE-30012696 | SMD RES. | 1/16W 47K J | | C150 | VE-30000352 | EL CAP. | 100UF 16V M | |
| R925 | VE-30012696 | SMD RES. | 1/16W 47K J | | C151 | VE-30000284 | SMD CAP. | 1NF 50V R | |
| R926 | VE-30012696 | SMD RES. | 1/16W 47K J | | C160 | VE-300007081 | EL CAP. | 4.7UF 50V M (NPL) | |
| R927 | VE-30012696 | SMD RES. | 1/16W 47K J | | C161 | VE-300007308 | CER CAP. | 220PF 1KV K (PULSE) | |
| R928 | VE-30012510 | SMD RES. | 1/16W 100R J | | C162 | VE-300007308 | CER CAP. | 220PF 1KV K (PULSE) | |
| R929 | VE-30012510 | SMD RES. | 1/16W 100R J | | C163 | VE-30000208 | CER CAP. | 470PF 1KV K (PULSE) | |
| R930 | VE-30012641 | SMD RES. | 1/16W 10K J | | C165 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| R931 | VE-30012641 | SMD RES. | 1/16W 10K J | | C166 | VE-30000355 | EL CAP. | 100UF 50V M | |
| R932 | VE-30012641 | SMD RES. | 1/16W 10K J | | C167 | VE-30000208 | CER CAP. | 470PF 1KV K (PULSE) | |
| R933 | VE-30000718 | CF RES. | 1/4W 4.7K J | | C168 | VE-30000294 | SND CAP. | 100NF 50V K | |
| R934 | VE-30012692 | SMD RES. | 1/16W 4.7K J | | C170 | VE-30000352 | EL CAP. | 100UF 16V M | |
| R935 | VE-30012662 | SMD RES. | 1/16W 2.7K J | | C171 | VE-30000352 | EL CAP. | 100UF 16V M | |
| R936 | VE-30000718 | CF RES. | 1/4W 4.7K J | | C172 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| R937 | VE-30000459 | CF RES. | 1/4W 100R J | | C173 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| R938 | VE-30012509 | SMD RES. | 1/16W 100K J | | C201 | VE-30000400 | EL CAP. | 47UF 50V M | |
| R939 | VE-30012692 | SMD RES. | 1/16W 4.7K J | | C202 | VE-30000106 | MKT CAP. | 47NF 100V J | |
| R940 | VE-30000500 | CF RES. | 1/4W 12K J | | C203 | VE-30000099 | MKT CAP. | 33NF 63V J | |
| R941 | VE-30000588 | SMD RES. | 1/10W 220R J | | C204 | VE-30000345 | EL CAP. | 100UF 50V M | |
| R942 | VE-30000588 | SMD RES. | 1/10W 220R J | | C206 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| R943 | VE-30000471 | CF RES. | 1/4W 10K J | | C207 | VE-30000362 | EL CAP. | 1UF 50V M | |
| R944 | VE-30012641 | SMD RES. | 1/16W 10K J | | C208 | VE-30000415 | EL CAP. | 4.7UF 250V M | |
| R945 | VE-30000471 | CF RES. | 1/4W 10K J | | C209 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| R946 | VE-30012657 | SMD RES. | 1/16W 1K J | | C210 | VE-30000149 | MKP CAP. | 2.7NF 2KV 83.5 | |
| R950 | VE-30012657 | SMD RES. | 1/16W 1K J | | C211 | VE-30000179 | MKP CAP. | 9.1NF 1600V 83.5 | |
| R951 | VE-30012657 | SMD RES. | 1/16W 1K J | | C212 | VE-30000137 | MKP CAP. | 15NF 630V J | |
| R952 | VE-30012657 | SMD RES. | 1/16W 1K J | | C213 | VE-300007215 | MKP CAP. | 1.2UF 250V J | |
| R953 | VE-30000466 | CF RES. | 1/4W 1K J | | C214 | VE-30000415 | EL CAP. | 4.7UF 250V M | |
| R955 | VE-30012657 | SMD RES. | 1/16W 1K J | | C215 | VE-30000167 | MKP CAP. | 560NF 250V J | |
| R956 | VE-30012510 | SMD RES. | 1/16W 100R J | | C216 | VE-30000406 | EL CAP. | 47UF 250V M (HR) | |
| R957 | VE-30012655 | SMD RES. | 1/16W 180R J | | C222 | VE-30000431 | CER CAP. | 100PF 1KV M | |
| R958 | VE-30014022 | SMD RES. | 1/16W 47R J | | C223 | VE-30000351 | EL CAP. | 10UF 350V M | |
| R959 | VE-30000466 | CF RES. | 1/4W 1K J | | C225 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| R960 | VE-30000471 | CF RES. | 1/4W 10K J | | C226 | VE-30000356 | EL CAP. | 100UF 63V M | |
| R961 | VE-30000718 | CF RES. | 1/4W 4.7K J | | C228 | VE-30000360 | EL CAP. | 1000UF 25V M | |
| R964 | VE-30012641 | SMD RES. | 1/16W 10K J | | C232 | VE-30000225 | CER CAP. | 220PF 50V J SL | |
| R965 | VE-30012657 | SMD RES. | 1/16W 1K J | | C240 | VE-30000354 | EL CAP. | 100UF 35V M | |
| R966 | VE-30012641 | SMD RES. | 1/16W 10K J | | C250 | VE-30000304 | SND CAP. | 1.8NF 50V K R | |
| R967 | VE-30012650 | SMD RES. | 1/16W 15K J | | C251 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| R968 | VE-30000692 | SMD RES. | 1/10W 3.9K J | | C252 | VE-30000289 | SMD CAP. | 10NF 50V K R | |

[AV-28BH8ENS / AV-28BH8ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|----------------|-------------|
| CAPACITOR | | | | |
| C253 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C254 | VE-30000360 | EL CAP. | 1000UF 25V M | |
| C255 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C256 | VE-30000078 | MKT CAP. | 1UF 100V M | |
| C257 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | |
| C258 | VE-30000322 | SMD CAP. | 3.3NF 50V K | |
| C305 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C313 | VE-30000189 | SMD CAP. | 100PF 50V J | |
| C321 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C322 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C324 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C333 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C402 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C403 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C404 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C405 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C406 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C407 | VE-30000312 | SMD CAP. | 22NF 50V K | |
| C408 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C409 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C410 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C411 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C412 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C413 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C414 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C417 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C418 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C419 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C427 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C428 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C440 | VE-30000400 | EL CAP. | 47UF 50V M | |
| C441 | VE-30000220 | SMD CAP. | 22UF 50V J | |
| C442 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C443 | VE-30013411 | SMD CAP. | 180PF 50V J | |
| C450 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C451 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C453 | VE-30000355 | EL CAP. | 100UF 50V M | |
| C454 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C455 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C456 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C457 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C468 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C478 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C492 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C497 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C498 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C499 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C500 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C505 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C506 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C509 | VE-30000186 | SMD CAP. | 10PF 50V D COG | |
| C510 | VE-30000186 | SMD CAP. | 10PF 50V D COG | |
| C511 | VE-30000341 | SMD CAP. | 68NF 50V K | |
| C610 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C801 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C802 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C804 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C805 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C806 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C807 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C808 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C809 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C819 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C820 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C821 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C822 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C823 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C900 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C901 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C902 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C903 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C904 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C905 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C906 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C907 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C908 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C909 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C910 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C911 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C912 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C913 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C914 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C915 | VE-30016654 | SMD CAP. | 100NF 16V K R | |

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------------|-------------|----------------|-----------------------|-------------|
| CAPACITOR | | | | |
| C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C931 | VE-30000243 | CER CAP. | 330PF 50V J CH | |
| C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| TRANSFORMER | | | | |
| ▲ | TR101 | VE-30016819 | SMPS TRF | |
| ▲ | TR201 | VE-30006743 | HORIZONTAL DRIVER TRF | |
| ▲ | TR202 | VE-30016922 | FBT TRF | |
| COIL | | | | |
| L101 | VE-30006712 | FERRITE BEAD | | |
| L102 | VE-30007775 | PFC COIL | 1MH 1KHZ 2A | |
| L106 | VE-30006712 | FERRITE BEAD | | |
| L107 | VE-30001960 | FERIT BAR | | |
| L108 | VE-30001960 | FERIT BAR | | |
| L109 | VE-30001960 | FERIT BAR | | |
| L201 | VE-30007771 | FIXED COIL | | |
| L202 | VE-30007757 | INJECTION COIL | 100UH | |
| L203 | VE-30007770 | FILTER COIL | 6MH AK28 | |
| L204 | VE-30012271 | LINEARTY COIL | 1MH AK28 | |
| L205 | VE-30007756 | BRIDGE COIL | 4.3UH VOGT | |
| L206 | VE-30006712 | FERRITE BEAD | 150UH 32KHZ AK28 | |
| L207 | VE-30006712 | FERRITE BEAD | | |
| L304 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L401 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L403 | VE-30001979 | FIXED COIL | 1UH Q45 M-A | |
| L405 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L420 | VE-30001996 | FIXED COIL | 22UH Q40 K | |
| L421 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L422 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L423 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L425 | VE-30001971 | FERRITE BEAD | | |
| L427 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L428 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L429 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L430 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L801 | VE-30002170 | FTZ/RAD COIL | | |
| L802 | VE-30002170 | FTZ/RAD COIL | | |
| L900 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L901 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L902 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L903 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L904 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| DIODE | | | | |
| D101 | VE-30001285 | DIODE | | |
| D102 | VE-30001291 | DIODE | | |
| D103 | VE-30007768 | DIODE | | |
| D104 | VE-30007768 | DIODE | | |
| D105 | VE-30007768 | DIODE | | |
| D106 | VE-30007758 | BRIDGE DIODE | | |
| D108 | VE-30001318 | DIODE | | |
| D109 | VE-30009699 | ZENER DIODE | | |
| D110 | VE-30001301 | DIODE | | |
| D111 | VE-30001299 | DIODE | | |
| D112 | VE-30001302 | DIODE | | |
| D113 | VE-30001302 | DIODE | | |
| D114 | VE-30001302 | DIODE | | |
| D115 | VE-30001285 | DIODE | | |
| D116 | VE-30007760 | ZENER DIODE | | |
| D117 | VE-30001285 | DIODE | | |
| D118 | VE-30007760 | ZENER DIODE | | |
| D119 | VE-30001284 | DIODE | | |
| D120 | VE-30001291 | DIODE | | |
| D121 | VE-30001318 | DIODE | | |
| D122 | VE-30001318 | DIODE | | |
| D123 | VE-30001285 | DIODE | | |

[AV-28BH8ENS / AV-28BH8ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------|------------|--------------|-------------|-------------|
| DIODE | | | | |
| | D126 | VE-30001284 | DIODE | |
| | D127 | VE-30001284 | DIODE | |
| | D128 | VE-30001284 | DIODE | |
| | D201 | VE-30001291 | DIODE | |
| | D202 | VE-30001285 | DIODE | |
| | D203 | VE-30007760 | ZENER DIODE | |
| | D205 | VE-30007763 | ZENER DIODE | |
| | D206 | VE-30007678 | DIODE | |
| | D207 | VE-30007768 | DIODE | |
| | D208 | VE-30001291 | DIODE | |
| | D209 | VE-30001291 | DIODE | |
| | D210 | VE-30001299 | DIODE | |
| | D211 | VE-30001299 | DIODE | |
| | D212 | VE-30001291 | DIODE | |
| | D213 | VE-30001291 | DIODE | |
| | D214 | VE-30007763 | ZENER DIODE | |
| | D215 | VE-30007762 | ZENER DIODE | |
| | D216 | VE-30001285 | DIODE | |
| | D218 | VE-30001291 | DIODE | |
| | D219 | VE-30001291 | DIODE | |
| | D220 | VE-30001284 | DIODE | |
| | D221 | VE-30001284 | DIODE | |
| | D222 | VE-30001284 | DIODE | |
| | D223 | VE-30001285 | DIODE | |
| | D224 | VE-30001285 | DIODE | |
| | D225 | VE-30001318 | DIODE | |
| | D226 | VE-30007760 | ZENER DIODE | |
| | D227 | VE-30001373 | ZENER DIODE | |
| | D403 | VE-30001285 | DIODE | |
| | D900 | VE-300012412 | ZENER DIODE | |

TRANSISTOR

| | | |
|------|-------------|----|
| Q101 | VE-30007801 | TR |
| Q103 | VE-30007802 | TR |
| Q104 | VE-30007798 | TR |
| Q105 | VE-30007798 | TR |
| Q106 | VE-30007802 | TR |
| Q107 | VE-30007798 | TR |
| Q108 | VE-30007798 | TR |
| Q109 | VE-30001457 | TR |
| Q110 | VE-30001457 | TR |
| Q112 | VE-30001454 | TR |
| Q113 | VE-30001428 | TR |
| Q201 | VE-30007802 | TR |
| Q202 | VE-30016686 | TR |
| Q203 | VE-30001458 | TR |
| Q204 | VE-30001458 | TR |
| Q205 | VE-30007799 | TR |
| Q206 | VE-30001457 | TR |
| Q207 | VE-30001457 | TR |
| Q208 | VE-30001455 | TR |
| Q403 | VE-30001457 | TR |
| Q408 | VE-30007800 | TR |
| Q415 | VE-30001457 | TR |
| Q801 | VE-30001457 | TR |
| Q802 | VE-30001457 | TR |
| Q900 | VE-30001458 | TR |
| Q901 | VE-30001457 | TR |
| Q902 | VE-30001457 | TR |
| Q903 | VE-30001457 | TR |
| Q904 | VE-30001457 | TR |
| Q905 | VE-30001457 | TR |
| Q906 | VE-30001457 | TR |
| Q907 | VE-30001457 | TR |
| Q908 | VE-30001457 | TR |
| Q909 | VE-30001458 | TR |
| Q910 | VE-30001457 | TR |
| Q911 | VE-30001457 | TR |

IC

| | | | |
|---|-------|-------------|----|
| △ | IC101 | VE-30007442 | IC |
| | IC102 | VE-30015087 | IC |
| | IC103 | VE-30001506 | IC |
| | IC104 | VE-30007444 | IC |
| | IC105 | VE-30001500 | IC |
| | IC106 | VE-30001668 | IC |
| | IC201 | VE-30007793 | IC |

| △ | Symbol No. | Part No. | Part Name | Description |
|---|------------|----------|-----------|-------------|
|---|------------|----------|-----------|-------------|

IC

| | | | |
|-------|-------------|---------|---------------------|
| IC202 | VE-30001506 | IC | |
| IC302 | VE-20105601 | IC | |
| IC304 | VE-20098889 | PR. IC. | (MEMORY) (MICOM) |
| IC401 | VE-30001495 | IC | |
| IC802 | VE-30007794 | IC | |
| IC900 | VE-30013571 | IC | |

OTHERS

| | | | | |
|---|-------|-------------|-------------|-----------------|
| △ | F101 | VE-30001732 | FUSE | 3.15A 250V 5*20 |
| △ | F102 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| △ | F103 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| △ | L103 | VE-30006744 | LINE FILTER | 16MH |
| △ | L104 | VE-30006744 | LINE FILTER | 16MH |
| | RL2 | VE-30002183 | RELAY | |
| | S133 | VE-30000575 | SMD RES. | 1/10W 2K J |
| | T401 | VE-30001724 | SER FILTER | |
| | TU401 | VE-30009637 | TUNER | |
| | VL401 | VE-30002037 | ADJ COIL | |
| | X900 | VE-30006662 | XTAL | |
| | Z401 | VE-30001706 | SAW FILTER | |
| | Z403 | VE-30001692 | SAW FILTER | |

[AV-28BH8ENS / AV-28BH8ENB]

MULTISOUND P.W. BOARD ASS'Y
(VE-20103705 : Common to all models)

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|-----------|--------------|-------------|
| RESISTOR | | | | |
| R501 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R502 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R503 | VE-30000459 | CF RES. | 1/4W 100R J | |
| R504 | VE-30000459 | CF RES. | 1/4W 100R J | |
| R505 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R506 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R507 | VE-30000626 | SMD RES. | 1/10W 270R J | |
| R508 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R509 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R510 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R511 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R512 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R513 | VE-30000466 | CF RES. | 1/4W 1K J | |
| R516 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R517 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R518 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R519 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R520 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R521 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R522 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R523 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R524 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R525 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R529 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R532 | VE-30000459 | CF RES. | 1/4W 100R J | |
| R533 | VE-30000459 | CF RES. | 1/4W 100R J | |
| △ R535 | VE-30001207 | FUSE RES. | 1/4W 10R J | |
| R536 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R538 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R539 | VE-30000452 | CF RES. | 1/4W 10R J | |
| R540 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R541 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R542 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R543 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R544 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R545 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R546 | VE-30000712 | CF RES. | 1/4W 470R J | |
| R547 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R548 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R549 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R550 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R551 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R552 | VE-30000452 | CF RES. | 1/4W 10R J | |
| R553 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R555 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R556 | VE-30000792 | CF RES. | 1/4W 75R J | |
| R557 | VE-30000792 | CF RES. | 1/4W 75R J | |
| R558 | VE-30000792 | CF RES. | 1/4W 75R J | |
| R559 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R560 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R561 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R562 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R563 | VE-30000792 | CF RES. | 1/4W 75R J | |
| R572 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R573 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R574 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R575 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R576 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R577 | VE-30000480 | SMD RES. | 1/10W 100K J | |
| R578 | VE-30000480 | SMD RES. | 1/10W 100K J | |
| R579 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R580 | VE-30000588 | SMD RES. | 1/10W 220R J | |
| R581 | VE-30000588 | SMD RES. | 1/10W 220R J | |
| R582 | VE-30000583 | CF RES. | 1/4W 220R J | |
| R583 | VE-30000503 | SMD RES. | 1/10W 12K J | |
| R584 | VE-30000636 | SMD RES. | 1/10W 27K J | |
| R585 | VE-30000503 | SMD RES. | 1/10W 12K J | |
| R586 | VE-30000636 | SMD RES. | 1/10W 27K J | |
| R587 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R588 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R589 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R590 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R591 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R592 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R593 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R594 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R595 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R596 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R597 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R598 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |
| R599 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R600 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| △ R613 | VE-30001231 | FUSE RES. | 1/4W 27R J | |
| R614 | VE-30000797 | SMD RES. | 1/10W 75R J | |

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|------------------|-------------|
| CAPACITOR | | | | |
| C501 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C502 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C504 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C505 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C507 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C508 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C509 | VE-30000252 | SMD CAP. | 47PF 50V J | |
| C510 | VE-30000252 | SMD CAP. | 47PF 50V J | |
| C511 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C512 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C513 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C514 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C516 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C517 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C521 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C522 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C523 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C524 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C525 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C526 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C527 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C528 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C529 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C530 | VE-30000393 | EL CAP. | 3.3UF 50V M | |
| C531 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C532 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C533 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C535 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C536 | VE-30000216 | SMD CAP. | 1.8PF 50V J CH | |
| C537 | VE-30000216 | SMD CAP. | 1.8PF 50V J CH | |
| C538 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C539 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C540 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C541 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C542 | VE-30000263 | SMD CAP. | 56PF 50V J CH | |
| C543 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C544 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C545 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C546 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C547 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C548 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C549 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C550 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C551 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C552 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C553 | VE-30000204 | SMD CAP. | 150PF 50V J N750 | |
| C554 | VE-30000204 | SMD CAP. | 150PF 50V J N750 | |
| C556 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C557 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C558 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C560 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C561 | VE-30000247 | SMD CAP. | 39PF 50V J | |
| C562 | VE-30000247 | SMD CAP. | 39PF 50V J | |
| C563 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C564 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C565 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C566 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C567 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C569 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C576 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C582 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C583 | VE-30000204 | SMD CAP. | 150PF 50V J N750 | |
| C584 | VE-30000204 | SMD CAP. | 150PF 50V J N750 | |
| C585 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C586 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C587 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C590 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C591 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C592 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C612 | VE-30000204 | SMD CAP. | 150PF 50V J N750 | |
| C614 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C615 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C616 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C617 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C618 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C619 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C620 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C623 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C624 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C626 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C627 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C628 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C629 | VE-30000371 | EL CAP. | 22UF 50V M | |

[AV-28BH8ENS / AV-28BH8ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------------|------------|-------------|--------------|--------------|
| CAPACITOR | | | | |
| | C630 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C631 | VE-30000237 | SMD CAP. | 33PF 50V J |
| | C632 | VE-30000237 | SMD CAP. | 33PF 50V J |
| | C633 | VE-30000237 | SMD CAP. | 33PF 50V J |
| | C634 | VE-30000237 | SMD CAP. | 33PF 50V J |
| | C635 | VE-30000232 | SMD CAP. | 270PF 50V J |
| | C636 | VE-30000256 | SMD CAP. | 470PF 50V J |
| | C637 | VE-30000237 | SMD CAP. | 33PF 50V J |
| | C638 | VE-30000289 | SMD CAP. | 10NF 50V K R |
| | C640 | VE-30000332 | SMD CAP. | 4.7NF 50V K |
| | C641 | VE-30000332 | SMD CAP. | 4.7NF 50V K |
| | C643 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C644 | VE-30000294 | SMD CAP. | 100NF 50V K |
| COIL | | | | |
| | L501 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L502 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L503 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L504 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L505 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L506 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L507 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L508 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L509 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L510 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L513 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L514 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L515 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L516 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L517 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L520 | VE-30013413 | FERRITE BEAD | |
| | L521 | VE-30013413 | FERRITE BEAD | |
| | L522 | VE-30013413 | FERRITE BEAD | |
| | L523 | VE-30013413 | FERRITE BEAD | |
| | L524 | VE-30013413 | FERRITE BEAD | |
| | L525 | VE-30013413 | FERRITE BEAD | |
| | L526 | VE-30013413 | FERRITE BEAD | |
| | L527 | VE-30013413 | FERRITE BEAD | |
| | L533 | VE-30013413 | FERRITE BEAD | |
| | L534 | VE-30013413 | FERRITE BEAD | |
| | L535 | VE-30013413 | FERRITE BEAD | |
| | L536 | VE-30010964 | FERRITE BEAD | |
| | L537 | VE-30010964 | FERRITE BEAD | |
| DIODE | | | | |
| | D501 | VE-30001369 | ZENER DIODE | |
| | D502 | VE-30001284 | DIODE | |
| | D504 | VE-30001285 | DIODE | |
| | D505 | VE-30001285 | DIODE | |
| TRANSISTOR | | | | |
| | Q501 | VE-30001458 | TR | |
| | Q502 | VE-30001457 | TR | |
| | Q503 | VE-30001457 | TR | |
| | Q504 | VE-30001457 | TR | |
| | Q505 | VE-30001457 | TR | |
| | Q506 | VE-30001457 | TR | |
| | Q507 | VE-30001457 | TR | |
| | Q508 | VE-30001457 | TR | |
| | Q509 | VE-30001457 | TR | |
| | Q510 | VE-30001457 | TR | |
| | Q511 | VE-30001457 | TR | |
| | Q512 | VE-30001457 | TR | |
| | Q513 | VE-30001457 | TR | |
| | Q514 | VE-30001457 | TR | |
| | Q515 | VE-30001457 | TR | |
| IC | | | | |
| | IC501 | VE-30009354 | IC | |
| | IC502 | VE-30001619 | IC | |
| | IC504 | VE-30001349 | ZENER DIODE | |
| OTHERS | | | | |
| | X501 | VE-30001756 | XTAL | |

FEATURE BOX P.W. BOARD ASS'Y
(VE-20055386 : Common to all models)

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|------------|--------------|-----------|--------------|
| RESISTOR | | | | |
| | R001 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R002 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R003 | VE-30000688 | SMD RES. | 1/10W 390R J |
| | R004 | VE-300006462 | SMD RES. | 1/10W 22R J |
| | R005 | VE-30000653 | SMD RES. | 1/10W 33R J |
| | R006 | VE-30000588 | SMD RES. | 1/10W 220R J |
| | R007 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R008 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R009 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R010 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R011 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R012 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R013 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R014 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R015 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R016 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R017 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R018 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R021 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R024 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R026 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R028 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R030 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R031 | VE-30000833 | SMD RES. | 1/10W 91R J |
| | R032 | VE-30000524 | SMD RES. | 1/10W 150R J |
| | R033 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R034 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R047 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R048 | VE-30000462 | SMD RES. | 1/10W 22R J |
| | R050 | VE-30000597 | SMD RES. | 1/10W 22K J |
| | R053 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R054 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R055 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R056 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R057 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R058 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R059 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R074 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R075 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R076 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R079 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R080 | VE-30000688 | SMD RES. | 1/10W 390R J |
| | R081 | VE-300006462 | SMD RES. | 1/10W 22R J |
| | R082 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R083 | VE-30000588 | SMD RES. | 1/10W 220R J |
| | R084 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R085 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R086 | VE-30000688 | SMD RES. | 1/10W 390R J |
| | R087 | VE-300006462 | SMD RES. | 1/10W 22R J |
| | R088 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R089 | VE-30000588 | SMD RES. | 1/10W 220R J |
| | R090 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R091 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R092 | VE-30000688 | SMD RES. | 1/10W 390R J |
| | R093 | VE-300006462 | SMD RES. | 1/10W 22R J |
| | R094 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R095 | VE-30000588 | SMD RES. | 1/10W 220R J |
| | R096 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R098 | VE-30000597 | SMD RES. | 1/10W 22K J |
| | R099 | VE-30000626 | SMD RES. | 1/10W 270R J |
| | R100 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R101 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R105 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R106 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| | R107 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R108 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R110 | VE-30000534 | SMD RES. | 1/10W 15K J |
| | R111 | VE-30000534 | SMD RES. | 1/10W 15K J |
| | R112 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R117 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R119 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R120 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R121 | VE-300006462 | SMD RES. | 1/10W 22R J |
| | R122 | VE-30000588 | SMD RES. | 1/10W 220R J |
| | R125 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R126 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R127 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R128 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R129 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R130 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R131 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R132 | VE-30000659 | SMD RES. | 1/10W 330R J |

[AV-28BH8ENS / AV-28BH8ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|----------|--------------|-------------|
| RESISTOR | | | | |
| R133 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R134 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R135 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R136 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R137 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R138 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R140 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R141 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R142 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R143 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R144 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R145 | VE-30000659 | SMD RES. | 1/10W 330R J | |
| R149 | VE-30000534 | SMD RES. | 1/10W 15K J | |
| R150 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R151 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R152 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R153 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R154 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R155 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R156 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R157 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R158 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R159 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R161 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R162 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R163 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R164 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R165 | VE-30000721 | SMD RES. | 1/10W 4.7K J | |

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|----------------|-------------|
| CAPACITOR | | | | |
| C054 | VE-30000228 | SMD CAP. | 27PF 50V J CH | |
| C055 | VE-30000228 | SMD CAP. | 27PF 50V J CH | |
| C056 | VE-30000232 | SMD CAP. | 270PF 50V J | |
| C057 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C058 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C059 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C060 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C061 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C062 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C063 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C064 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C065 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C066 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C067 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C068 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C069 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C070 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C071 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C072 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C073 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C074 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C075 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C076 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C077 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C078 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C079 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C080 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C081 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C082 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C083 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C084 | VE-30000186 | SMD CAP. | 10PF 50V D COG | |
| C085 | VE-30000232 | SMD CAP. | 270PF 50V J | |
| C086 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C087 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C088 | VE-30000232 | SMD CAP. | 270PF 50V J | |
| C089 | VE-30000232 | SMD CAP. | 270PF 50V J | |
| C090 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C091 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C092 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C093 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C094 | VE-30000232 | SMD CAP. | 270PF 50V J | |
| C095 | VE-30000232 | SMD CAP. | 270PF 50V J | |
| C096 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C097 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C098 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C099 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C100 | VE-30000393 | EL CAP. | 3.3UF 50V M | |
| C101 | VE-30000392 | EL CAP. | 0.33UF 50V M | |
| C102 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C103 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C104 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C105 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C106 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C107 | VE-30000186 | SMD CAP. | 10PF 50V D COG | |
| C108 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C109 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C110 | VE-30000186 | SMD CAP. | 10PF 50V D COG | |
| C111 | VE-30000186 | SMD CAP. | 10PF 50V D COG | |
| C112 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C113 | VE-30000242 | SMD CAP. | 330PF 50V J | |
| C25 | VE-30000109 | MKT CAP. | 470NF 63V J | |

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------|-------------|------------|--------------|-------------|
| COIL | | | | |
| L001 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L002 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L003 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L004 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L005 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L006 | VE-30001996 | FIXED COIL | 22UH Q40 K | |
| L007 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L008 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L009 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L010 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------|-------------|----------|-----------|-------------|
| DIODE | | | | |
| D001 | VE-30001284 | DIODE | | |
| D002 | VE-30001284 | DIODE | | |
| D003 | VE-30001284 | DIODE | | |

[AV-28BH8ENS / AV-28BH8ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------------|------------|-------------|-----------|-------------|
| TRANSISTOR | | | | |
| | Q001 | VE-30001454 | TR | |
| | Q002 | VE-30001454 | TR | |
| | Q003 | VE-30001455 | TR | |
| | Q004 | VE-30001454 | TR | |
| | Q005 | VE-30001454 | TR | |
| | Q006 | VE-30001455 | TR | |
| | Q007 | VE-30001454 | TR | |
| | Q008 | VE-30001454 | TR | |
| | Q009 | VE-30001455 | TR | |
| | Q010 | VE-30001454 | TR | |
| | Q011 | VE-30001454 | TR | |
| | Q012 | VE-30001455 | TR | |
| | Q013 | VE-30001454 | TR | |
| | Q014 | VE-30001454 | TR | |
| | Q015 | VE-30001454 | TR | |
| IC | | | | |
| | IC001 | VE-30010350 | IC | |
| | IC002 | VE-30010348 | IC | |
| | IC003 | VE-30007668 | IC | |
| | IC004 | VE-30007739 | IC | |
| | IC005 | VE-30010349 | IC | |
| OTHERS | | | | |
| | X001 | VE-30008778 | XTAL | |
| | X002 | VE-30008782 | XTAL | |

CRT SOCKET P.W. BOARD ASS'Y
(VE-20086313 : Common to all models)

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|------------|-------------|-----------|--------------|
| RESISTOR | | | | |
| | R901 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| | R902 | VE-30017132 | MF RES. | 1W 51K F |
| | R903 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| | R904 | VE-30000524 | SMD RES. | 1/10W 150R J |
| | R905 | VE-30001192 | MO RES. | 1W 680R J |
| | R906 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| | R907 | VE-30017132 | MF RES. | 1W 51K F |
| | R908 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| | R909 | VE-30000524 | SMD RES. | 1/10W 150R J |
| | R910 | VE-30001192 | MO RES. | 1W 680R J |
| | R911 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| | R912 | VE-30017132 | MF RES. | 1W 51K F |
| | R913 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| | R914 | VE-30000524 | SMD RES. | 1/10W 150R J |
| | R915 | VE-30001192 | MO RES. | 1W 680R J |
| | R916 | VE-30001125 | MO RES. | 2W 2.2K J |
| | R917 | VE-30001170 | MO RES. | 1W 4.7K J |
| | R918 | VE-30000788 | CF RES. | 1/4W 6.8M J |
| | R920 | VE-30000535 | CF RES. | 1/2W 150K J |
| | R922 | VE-30000477 | CF RES. | 1/4W 100K J |
| | R923 | VE-30000477 | CF RES. | 1/4W 100K J |
| | R924 | VE-30000477 | CF RES. | 1/4W 100K J |
| | R925 | VE-30007788 | SMD RES. | 1/10W 2.7K F |
| | R926 | VE-30000469 | SMD RES. | 1/10W 1K J |
| △ | R927 | VE-30001247 | FUSE RES. | 1/2W 4.7R J |
| | R929 | VE-30000466 | CF RES. | 1/4W 1K J |
| | R931 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R932 | VE-30000471 | CF RES. | 1/4W 10K J |
| △ | R944 | VE-30001211 | FUSE RES. | 1W 1K J |

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|------------|-------------|-----------|-------------------|
| CAPACITOR | | | | |
| | C901 | VE-30000275 | CER CAP. | 8PF 50V D CH |
| | C902 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C903 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) |
| | C904 | VE-30000265 | SMD CAP. | 560PF 50V J |

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------------|------------|-------------|------------|-------------------|
| CAPACITOR | | | | |
| | C905 | VE-30000209 | SMD CAP. | 18PF 50V J |
| | C906 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C907 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) |
| | C908 | VE-30000265 | SMD CAP. | 560PF 50V J |
| | C909 | VE-30000220 | SMD CAP. | 22PF 50V J |
| | C910 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C911 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) |
| | C912 | VE-30000265 | SMD CAP. | 560PF 50V J |
| | C914 | VE-30000072 | MKT CAP. | 10NF 1250V M |
| | C915 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| | C916 | VE-30000330 | CER CAP. | 4.7NF 50V K B |
| | C919 | VE-30000352 | EL CAP. | 100UF 16V M |
| | C920 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C921 | VE-30000359 | EL CAP. | 1000UF 16V M |
| | C922 | VE-30000265 | MKT CAP. | 100NF 250V K (DC) |
| | C923 | VE-30000406 | EL CAP. | 47UF 250V M (HR) |
| | C931 | VE-30000265 | SMD CAP. | 560PF 50V J |
| | C934 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C935 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | C936 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) |
| | C938 | VE-30000433 | CER CAP. | 1NF 1KV M B |
| | C949 | VE-30000294 | SMD CAP. | 100NF 50V K |
| COIL | | | | |
| | L904 | VE-30001997 | FIXED COIL | 33UH Q60 J |
| | L921 | VE-30001994 | FIXED COIL | 22UH J AXIAL |
| DIODE | | | | |
| | D902 | VE-30001318 | DIODE | |
| | D907 | VE-30001284 | DIODE | |
| TRANSISTOR | | | | |
| | Q901 | VE-30001427 | TR | |
| | Q902 | VE-30001455 | TR | |
| IC | | | | |
| | IC901 | VE-30001551 | IC | |
| | IC902 | VE-30001551 | IC | |
| | IC903 | VE-30001551 | IC | |
| OTHERS | | | | |
| △ | PL904 | VE-30001855 | CRT SOCKET | |
| | SP901 | VE-30000428 | SPARK GAP | 300V |
| | SP903 | VE-30000428 | SPARK GAP | 300V |
| | SP904 | VE-30000428 | SPARK GAP | 300V |
| | SP905 | VE-30000428 | SPARK GAP | 300V |
| | SP906 | VE-30000428 | SPARK GAP | 300V |
| | SP907 | VE-30000428 | SPARK GAP | 300V |

[AV-28BH8ENS / AV-28BH8ENB]**FRONT CONTROL P.W. BOARD ASS'Y****(VE-20082481 : Common to all models)**

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|------------|-------------|---------------|-------------|
| RESISTOR | | | | |
| | R1 | VE-30000689 | CF RES. | 1/4W 3.9K J |
| | R2 | VE-30000526 | CF RES. | 1/4W 1.5K J |
| | R3 | VE-30000770 | CF RES. | 1/4W 680R J |
| | R4 | VE-30000712 | CF RES. | 1/4W 470R J |
| | R5 | VE-30000622 | CF RES. | 1/4W 270R J |
| DIODE | | | | |
| | D1 | VE-30001279 | LED RED/GREEN | |
| IC | | | | |
| | IC1 | VE-30001670 | PREAMPLIFIER | |
| OTHERS | | | | |
| | SW1 | VE-30002181 | SWITCH TACT | V- |
| | SW2 | VE-30002181 | SWITCH TACT | MENU |
| | SW3 | VE-30002181 | SWITCH TACT | P+ |
| | SW4 | VE-30002181 | SWITCH TACT | P- |
| | SW5 | VE-30002181 | SWITCH TACT | V+ |

FRONT AV & HEADPHONE P.W. BOARD ASS'Y**(VE-20083091 : Common to all models)**

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|------------|-------------|----------------|----------------|
| RESISTOR | | | | |
| | R107 | VE-30000594 | CF RES. | 1/4W 22K J |
| | R108 | VE-30000712 | CF RES. | 1/4W 470R J |
| | R109 | VE-30000594 | CF RES. | 1/4W 22K J |
| | R110 | VE-30000712 | CF RES. | 1/4W 470R J |
| | R113 | VE-30000744 | CF RES. | 1/4W 560R J |
| | R114 | VE-30000744 | CF RES. | 1/4W 560R J |
| | R115 | VE-30000712 | CF RES. | 1/4W 470R J |
| | R116 | VE-30000712 | CF RES. | 1/4W 470R J |
| CAPACITOR | | | | |
| | C103 | VE-30000213 | CER CAP. | 180PF 50V J CH |
| | C104 | VE-30000213 | CER CAP. | 180PF 50V J CH |
| | C106 | VE-30000190 | CER CAP. | 100PF 50V J CH |
| COIL | | | | |
| | L103 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| | L104 | VE-30001996 | FIXED COIL | 22UH Q40 K |
| OTHERS | | | | |
| | CON102 | VE-30001893 | RCA JACK | |
| | CON103 | VE-30001891 | RCA JACK | |
| | CON104 | VE-30001892 | RCA JACK | |
| | CON106 | VE-30001900 | HEADPHONE JACK | |
| | T103 | VE-30001962 | FERRITE | |
| | T104 | VE-30001963 | FERRITE | |
| | T107 | VE-30001963 | FERRITE | |

PRINTED WIRING BOARD PARTS LIST

[AV-28BH8EPS / AV-28BH8EPB]

MAIN P.W. BOARD ASS'Y (VE-20106734)

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------------------|------------|-------------|-----------|--------------------|
| VARIABLE RESISTOR | | | | |
| | VR127 | VE-30001041 | ADJ RES. | 1/6W 1K M VER |
| | VR401 | VE-30001058 | ADJ RES. | 1/6W 22K VER (OTO) |

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|------------|-------------|-----------|--------------------|
| RESISTOR | | | | |
| | R101 | VE-30000668 | SMD RES. | 1/10W 33K J |
| | R102 | VE-30007782 | MF RES. | 1/4W 3.9M F |
| | R103 | VE-30000855 | MF RES. | 1/4W 1M F |
| | R104 | VE-30000668 | SMD RES. | 1/10W 33K J |
| | R105 | VE-30000452 | CF RES. | 1/4W 10R J |
| | R106 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| | R107 | VE-30007784 | SMD RES. | 1/10W 10K F |
| | R108 | VE-30007784 | MO RES. | 5W 33K J (RADIAL) |
| △ | R109 | VE-30001270 | PTC | 9 OHM |
| | R116 | VE-30001171 | MO RES. | 2W 4.7K J |
| △ | R117 | VE-30001257 | MG RES. | 1/2W 4.7M J |
| △ | R118 | VE-30009036 | FUSE RES. | 1/2W 0.1R J |
| △ | R119 | VE-30009036 | FUSE RES. | 1/2W 0.1R J |
| | R120 | VE-3000814 | SMD RES. | 1/10W 820R J |
| | R122 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R123 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R124 | VE-30000480 | SMD RES. | 1/10W 100K J |
| | R125 | VE-30000927 | MF RES. | 1/4W 220K J |
| | R126 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| | R127 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R128 | VE-30000536 | CF RES. | 1/4W 150K J |
| | R129 | VE-30007019 | SMD RES. | 1/10W 10K F |
| | R130 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R134 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R135 | VE-30007790 | SMD RES. | 1/10W 4.3K F |
| | R136 | VE-30000774 | SMD RES. | 1/10W 680R J |
| | R137 | VE-30007021 | SMD RES. | 1/10W 1K F |
| | R138 | VE-30007786 | SMD RES. | 1/10W 2.55K F |
| | R139 | VE-30000774 | SMD RES. | 1/10W 680R J |
| | R140 | VE-30000459 | CF RES. | 1/4W 100R J |
| | R141 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R142 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R143 | VE-30007021 | SMD RES. | 1/10W 1K F |
| | R144 | VE-30007788 | SMD RES. | 1/10W 2.7K F |
| | R145 | VE-30000732 | SMD RES. | 1/10W 470K J |
| | R146 | VE-30000469 | SMD RES. | 1/10W 1K J |
| △ | R148 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY |
| | R149 | VE-30007204 | MF RES. | 1/2W 1.5M F |
| △ | R150 | VE-30007783 | FUSE RES. | 1/4W 2.2R J |
| △ | R151 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY |
| | R152 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R153 | VE-30012649 | SMD RES. | 1/16W 150R J |
| | R154 | VE-30012984 | SMD RES. | 1/16W 91R J |
| | R155 | VE-30000712 | CF RES. | 1/4W 470R J |
| | R156 | VE-30001089 | MO RES. | 2W 1R J |
| | R157 | VE-30000534 | SMD RES. | 1/10W 15K J |
| | R158 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R159 | VE-30000480 | SMD RES. | 1/10W 100K J |
| | R160 | VE-30006923 | SMD RES. | 1/10W 4.3K J |
| | R202 | VE-30007779 | MO RES. | 5W 47R J (RADIAL) |
| | R203 | VE-30000631 | SMD RES. | 1/10W 2.7K J |
| | R205 | VE-30017136 | MO RES. | 1W 0.56R J |
| | R206 | VE-30001080 | MO RES. | 2W 100R J |
| | R210 | VE-30000583 | CF RES. | 1/4W 220R J |
| | R211 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R212 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R213 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R214 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R215 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R216 | VE-30000631 | SMD RES. | 1/10W 2.7K J |
| | R217 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R218 | VE-30000480 | SMD RES. | 1/10W 100K J |
| | R220 | VE-30000590 | CF RES. | 1/4W 2.2K J |
| | R225 | VE-30001086 | MO RES. | 2W 10K J |
| | R226 | VE-30001168 | MO RES. | 2W 470R J |
| | R227 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R228 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R229 | VE-30000727 | SMD RES. | 1/10W 47K J |
| | R230 | VE-30000902 | MF RES. | 1/4W 1.8K F |
| △ | R231 | VE-30001229 | FUSE RES. | 1W 2.2R J |
| | R232 | VE-30001027 | MF RES. | 1/4W 82K J |
| △ | R233 | VE-30001244 | FUSE RES. | 1/2W 0.47R J |
| △ | R234 | VE-30009036 | FUSE RES. | 1/2W 0.1R J |
| | R235 | VE-30000668 | SMD RES. | 1/10W 33K J |

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|------------|-------------|-----------|--------------|
| RESISTOR | | | | |
| | R236 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| △ | R237 | VE-30001244 | FUSE RES. | 1/2W 0.47R J |
| | R238 | VE-30000729 | CF RES. | 1/4W 470K J |
| △ | R239 | VE-30001215 | FUSE RES. | 1W 1R J |
| | R240 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R241 | VE-30000818 | SMD RES. | 1/10W 8.2K J |
| | R242 | VE-30000784 | CF RES. | 1/4W 680K J |
| | R245 | VE-30000466 | CF RES. | 1/4W 1K J |
| | R246 | VE-30001027 | MF RES. | 1/4W 82K J |
| | R250 | VE-30000477 | CF RES. | 1/4W 100K J |
| | R251 | VE-30000477 | CF RES. | 1/4W 100K J |
| | R252 | VE-30007789 | SMD RES. | 1/10W 27K F |
| | R254 | VE-30000636 | SMD RES. | 1/10W 27K J |
| | R255 | VE-30001134 | MO RES. | 2W 2.2R J |
| | R256 | VE-30001100 | MO RES. | 1W 150R J |
| | R257 | VE-30001173 | MO RES. | 1W 0.47R J |
| | R260 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| △ | R261 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| | R262 | VE-30001237 | FUSE RES. | 1/2W 3.3R J |
| | R264 | VE-30001077 | MO RES. | 2W 10R J |
| | R270 | VE-30000541 | CF RES. | 1/4W 1.5M J |
| | R271 | VE-30000744 | CF RES. | 1/4W 560R J |
| | R272 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R280 | VE-30000727 | SMD RES. | 1/10W 47K J |
| | R281 | VE-30000480 | SMD RES. | 1/10W 100K J |
| | R318 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R322 | VE-30000594 | CF RES. | 1/4W 22K J |
| | R323 | VE-30000459 | CF RES. | 1/4W 100R J |
| | R324 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R327 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R360 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R361 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R362 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R363 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R364 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R365 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R366 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R367 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R368 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R369 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R370 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R371 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R372 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R373 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R374 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R375 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R376 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R378 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R379 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R380 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R381 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R382 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R383 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R384 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R385 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R397 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R398 | VE-30000659 | SMD RES. | 1/10W 330R J |
| | R401 | VE-30000665 | CF RES. | 1/4W 33K J |
| | R403 | VE-30000668 | SMD RES. | 1/10W 33K J |
| | R411 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R412 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R413 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R414 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R415 | VE-30000517 | SMD RES. | 1/10W 15R J |
| | R416 | VE-30000717 | SMD RES. | 1/10W 470R J |
| | R417 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| | R418 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| | R421 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| | R422 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R424 | VE-30000721 | SMD RES. | 1/10W 1K F |
| | R425 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R428 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R429 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R432 | VE-30000787 | SMD RES. | 1/10W 680K J |
| | R437 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| | R438 | VE-30000655 | CF RES. | 1/4W 330R J |
| | R439 | VE-30000560 | CF RES. | 1/4W 1.8K J |
| | R441 | VE-30000751 | SMD RES. | 1/10W 5.6K J |

[AV-28BH8EPS / AV-28BH8EPB]

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|----------|--------------|-------------|
| RESISTOR | | | | |
| R445 | VE-30000814 | SMD RES. | 1/10W 820R J | |
| R446 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R447 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R447 | VE-30000469 | SMD RES. | 1/10W 1K J | |
| R475 | VE-30000524 | SMD RES. | 1/10W 150R J | |
| R480 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R490 | VE-30000466 | CF RES. | 1/4W 1K J | |
| R492 | VE-30000503 | SMD RES. | 1/10W 12K J | |
| R506 | VE-30012695 | SMD RES. | 1/16W 470R J | |
| R509 | VE-30000797 | SMD RES. | 1/10W 75R J | |
| R510 | VE-30007021 | SMD RES. | 1/10W 1K F | |
| R511 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R512 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R513 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R516 | VE-30007026 | SMD RES. | 1/10W 5.1K J | |
| R517 | VE-30007026 | SMD RES. | 1/10W 5.1K J | |
| R518 | VE-30000735 | SMD RES. | 1/10W 4.7R J | |
| R801 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R802 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R803 | VE-30000628 | CF RES. | 1/4W 2.7K J | |
| R804 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R805 | VE-30000534 | SMD RES. | 1/10W 15K J | |
| R806 | VE-30000531 | CF RES. | 1/4W 15K J | |
| R807 | VE-30000567 | SMD RES. | 1/10W 18K J | |
| R808 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R809 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R810 | VE-30000564 | CF RES. | 1/4W 18K J | |
| R811 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R812 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R813 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R819 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R820 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R900 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R901 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R902 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R903 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R904 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R905 | VE-30000723 | CF RES. | 1/4W 47K J | |
| R906 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R907 | VE-30012679 | SMD RES. | 1/16W 3.9K J | |
| R908 | VE-30012679 | SMD RES. | 1/16W 3.9K J | |
| R909 | VE-30000531 | CF RES. | 1/4W 15K J | |
| R910 | VE-30000531 | CF RES. | 1/4W 15K J | |
| R911 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R912 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R913 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R914 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R915 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R916 | VE-30012695 | SMD RES. | 1/16W 470R J | |
| R917 | VE-30012987 | SMD RES. | 1/16W 56R J | |
| R918 | VE-30012692 | SMD RES. | 1/16W 4.7K J | |
| R919 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R920 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R921 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R922 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R923 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R924 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R925 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R926 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R927 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R928 | VE-30012510 | SMD RES. | 1/16W 100R J | |
| R929 | VE-30012510 | SMD RES. | 1/16W 100R J | |
| R930 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R931 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R932 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R933 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R934 | VE-30012692 | SMD RES. | 1/16W 4.7K J | |
| R935 | VE-30012662 | SMD RES. | 1/16W 2.7K J | |
| R936 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R937 | VE-30000459 | CF RES. | 1/4W 100R J | |
| R938 | VE-30012509 | SMD RES. | 1/16W 100K J | |
| R939 | VE-30012692 | SMD RES. | 1/16W 4.7K J | |
| R940 | VE-30000500 | CF RES. | 1/4W 12K J | |
| R941 | VE-30000588 | SMD RES. | 1/10W 220R J | |
| R942 | VE-30000588 | SMD RES. | 1/10W 220R J | |
| R943 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R944 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R945 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R946 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R950 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R951 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R952 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R953 | VE-30000466 | CF RES. | 1/4W 1K J | |

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|------------------------|-------------|
| RESISTOR | | | | |
| R955 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R956 | VE-30012510 | SMD RES. | 1/16W 100R J | |
| R957 | VE-30012655 | SMD RES. | 1/16W 180R J | |
| R958 | VE-30014022 | SMD RES. | 1/16W 47R J | |
| R959 | VE-30000466 | CF RES. | 1/4W 1K J | |
| R960 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R961 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R964 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R965 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R966 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R967 | VE-30012650 | SMD RES. | 1/16W 15K J | |
| R968 | VE-30000692 | SMD RES. | 1/10W 3.9K J | |
| CAPACITOR | | | | |
| C100 | VE-30000098 | MKT CAP. | 3.3NF 63V J | |
| C101 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C102 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C103 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C104 | VE-30013233 | MKT CAP. | 1NF 100V J WIMA FK12 | |
| C105 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C106 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C107 | VE-30000263 | SMD CAP. | 56PF 50V J CH | |
| C108 | VE-30000123 | PP CAP. | 33NF 630V K | |
| C109 | VE-30000159 | MKP CAP. | 4.7NF 1.6KV J | |
| C110 | VE-30009208 | CER CAP. | 470PF 1KV K (PULSE) | |
| C111 | VE-30000131 | MKP CAP. | 100NF 250V J | |
| C112 | VE-30000949 | MKT CAP. | 220NF AC275V M | |
| C114 | VE-30000353 | EL CAP. | 100UF 25V M | |
| C115 | VE-30007858 | MKT CAP. | 470NF AC275V M (P=22.5 | |
| C118 | VE-30007755 | MKT CAP. | 680NF AC275V M X2 | |
| C119 | VE-30007754 | MKP CAP. | 1UF 400V | |
| C120 | VE-30007753 | MKP CAP. | 1NF 1KV | |
| C121 | VE-30013690 | EL CAP. | 220UF 450V M 105° C | |
| C122 | VE-30000447 | CER CAP. | 4.7NF 4KV M E | |
| C124 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C125 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C130 | VE-30007708 | CER CAP. | 1NF 1KV K (PULSE) | |
| C131 | VE-30006909 | EL CAP. | 100UF M 250V | |
| C132 | VE-30007750 | EL CAP. | 470UF 35V (H/R 1150MA) | |
| C133 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C134 | VE-30007750 | EL CAP. | 470UF 35V (H/R 1150MA) | |
| C135 | VE-30007748 | EL CAP. | 1000UF 35V M | |
| C136 | VE-30007748 | EL CAP. | 1000UF 35V M | |
| C137 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C138 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C139 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C140 | VE-30000360 | EL CAP. | 1000UF 25V M | |
| C141 | VE-30000352 | EL CAP. | 1000UF 16V M | |
| C142 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C143 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C144 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C145 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C146 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| C147 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| C148 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C149 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C150 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C151 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C160 | VE-30007081 | EL CAP. | 4.7UF 50V M (NPL) | |
| C161 | VE-30007308 | CER CAP. | 220PF 1KV K (PULSE) | |
| C162 | VE-30007308 | CER CAP. | 220PF 1KV K (PULSE) | |
| C163 | VE-30009208 | CER CAP. | 470PF 1KV K (PULSE) | |
| C165 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C166 | VE-30000355 | EL CAP. | 100UF 50V M | |
| C167 | VE-30009208 | CER CAP. | 470PF 1KV K (PULSE) | |
| C168 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C170 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C171 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C172 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C173 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C201 | VE-30000400 | EL CAP. | 47UF 50V M | |
| C202 | VE-30000106 | MKT CAP. | 47NF 100V J | |
| C203 | VE-30000099 | MKT CAP. | 33NF 63V J | |
| C204 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C206 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C207 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C208 | VE-30000415 | EL CAP. | 4.7UF 250V M | |
| C209 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C210 | VE-30000149 | MKP CAP. | 2.7NF 2KV 3.5 | |
| C211 | VE-30000179 | MKP CAP. | 9.1NF 1600V 3.5 | |

[AV-28BH8EPS / AV-28BH8EPB]

| △ | Symbol No. | Part No. | Part Name | Description | △ | Symbol No. | Part No. | Part Name | Description |
|--------------------|-------------|----------------|-----------------------|-------------|------|-------------|----------|----------------|-------------|
| CAPACITOR | | | | | | | | | |
| C212 | VE-30000137 | MKP CAP. | 15NF 630V J | | C821 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C213 | VE-30007215 | MKP CAP. | 1.2UF 250V J | | C822 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C214 | VE-30000415 | EL CAP. | 4.7UF 250V M | | C823 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C215 | VE-30000167 | MKP CAP. | 560NF 250V J | | C900 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C216 | VE-30000406 | EL CAP. | 47UF 250V M (HR) | | C901 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C222 | VE-30000431 | CER CAP. | 100PF 1KV M | | C902 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C223 | VE-30000351 | EL CAP. | 10UF 350V M | | C903 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C225 | VE-30000359 | EL CAP. | 1000UF 16V M | | C904 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C226 | VE-30000356 | EL CAP. | 100UF 63V M | | C905 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C228 | VE-30000360 | EL CAP. | 1000UF 25V M | | C906 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C232 | VE-30000225 | CER CAP. | 220PF 50V J SL | | C907 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C240 | VE-30000354 | EL CAP. | 100UF 35V M | | C908 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C250 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | | C909 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C251 | VE-30000359 | EL CAP. | 1000UF 16V M | | C910 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C252 | VE-30000289 | SMD CAP. | 10NF 50V K R | | C911 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C253 | VE-30000294 | SMD CAP. | 100NF 50V K | | C912 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C254 | VE-30000360 | EL CAP. | 1000UF 25V M | | C913 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C255 | VE-30000294 | SMD CAP. | 100NF 50V K | | C914 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C256 | VE-30000078 | MKT CAP. | 1UF 100V M | | C915 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C257 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | | C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C258 | VE-30000322 | SMD CAP. | 3.3NF 50V K | | C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C305 | VE-30000294 | SMD CAP. | 100NF 50V K | | C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C313 | VE-30000189 | SMD CAP. | 100PF 50V J | | C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C321 | VE-30000352 | EL CAP. | 100UF 16V M | | C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C322 | VE-30000352 | EL CAP. | 100UF 16V M | | C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C324 | VE-30000294 | SMD CAP. | 100NF 50V K | | C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C333 | VE-30000294 | SMD CAP. | 100NF 50V K | | C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C402 | VE-30000345 | EL CAP. | 10UF 50V M | | C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C403 | VE-30000393 | EL CAP. | 3.3UF 50V M | | C931 | VE-30000243 | CER CAP. | 330PF 50V J CH | |
| C404 | VE-30000284 | SMD CAP. | 1NF 50V K R | | C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C405 | VE-30000284 | SMD CAP. | 1NF 50V K R | | C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C406 | VE-30000220 | SMD CAP. | 22PF 50V J | | C934 | VE-30000068 | MKT CAP. | 1NF 63V K | |
| C407 | VE-30000312 | SMD CAP. | 22NF 50V K | | C935 | VE-30000106 | MKT CAP. | 47NF 100V J | |
| C408 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C409 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C410 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C411 | VE-30000109 | MKT CAP. | 470NF 63V J | | | | | | |
| C412 | VE-30000384 | EL CAP. | 2.2UF 50V M | | | | | | |
| C413 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C414 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C417 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C418 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C419 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C424 | VE-30000387 | EL CAP. | 33UF 50V M | | | | | | |
| C427 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C428 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C430 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C440 | VE-30000355 | EL CAP. | 100UF 50V M | | | | | | |
| C441 | VE-30000220 | SMD CAP. | 22PF 50V J | | | | | | |
| C442 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C443 | VE-30013411 | SMD CAP. | 180PF 50V J | | | | | | |
| C450 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C451 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C453 | VE-30000355 | EL CAP. | 100UF 50V M | | | | | | |
| C454 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C456 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C457 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C468 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C478 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C479 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C491 | VE-30000400 | EL CAP. | 47UF 50V M | | | | | | |
| C492 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C494 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C496 | VE-30000413 | EL CAP. | 4.7UF 50V M | | | | | | |
| C497 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C498 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C499 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C500 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C505 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C506 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C509 | VE-30000186 | SMD CAP. | 10PF 50V D COG | | | | | | |
| C510 | VE-30000186 | SMD CAP. | 10PF 50V D COG | | | | | | |
| C511 | VE-30000341 | SMD CAP. | 68NF 50V K | | | | | | |
| C610 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C801 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C802 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C804 | VE-30000409 | EL CAP. | 470UF 25V M | | | | | | |
| C805 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C806 | VE-30000409 | EL CAP. | 470UF 25V M | | | | | | |
| C807 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C808 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C809 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C819 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C820 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| TRANSFORMER | | | | | | | | | |
| △ | TR101 | VE-30016819 | SHPS TRF | | | | | | |
| △ | TR201 | VE-30006743 | HORIZONTAL DRIVER TRF | | | | | | |
| △ | TR202 | VE-30016922 | FBT TRF | | | | | | |
| COIL | | | | | | | | | |
| L101 | VE-30006712 | FERRITE BEAD | | | | | | | |
| L102 | VE-30007775 | PFC COIL | | | | | | | |
| L106 | VE-30006712 | FERRITE BEAD | 1MH 1KHZ 2A | | | | | | |
| L107 | VE-30001960 | FERIT BAR | | | | | | | |
| L108 | VE-30001960 | FERIT BAR | | | | | | | |
| L109 | VE-30001960 | FERIT BAR | | | | | | | |
| L201 | VE-30007771 | FIXED COIL | | | | | | | |
| L202 | VE-30007757 | INJECTION COIL | 100UH | Q65 K-A | | | | | |
| L203 | VE-30007770 | FILTER COIL | 6MH | AK28 | | | | | |
| L204 | VE-30012271 | LINEARTY COIL | 1MH | AK28 | | | | | |
| L205 | VE-30007756 | BRIDGE COIL | 4.3UH | VOGT | | | | | |
| L206 | VE-30006712 | FERRITE BEAD | 150UH | 32KHZ AK28 | | | | | |
| L207 | VE-30006712 | FERRITE BEAD | | | | | | | |
| L304 | VE-30001992 | FIXED COIL | | | | | | | |
| L401 | VE-30001986 | FIXED COIL | 3.3UH | Q65 K | | | | | |
| L403 | VE-30001979 | FIXED COIL | 1UH | Q45 M-A | | | | | |
| L405 | VE-30001987 | FIXED COIL | 4.7UH | Q70 K-A | | | | | |
| L420 | VE-30001996 | FIXED COIL | 22UH | Q40 K | | | | | |
| L421 | VE-30001992 | FIXED COIL | 10UH | Q65 K-A | | | | | |
| L422 | VE-30001994 | FIXED COIL | 22UH | J AXIAL | | | | | |
| L423 | VE-30001994 | FIXED COIL | 22UH | J AXIAL | | | | | |
| L425 | VE-30001971 | FERRITE BEAT | | | | | | | |
| L426 | VE-30001994 | FIXED COIL | 22UH | J AXIAL | | | | | |
| L427 | VE-30001987 | FIXED COIL | 4.7UH | Q70 K-A | | | | | |
| L428 | VE-30001987 | FIXED COIL | 4.7UH | Q70 K-A | | | | | |
| L429 | VE-30001987 | FIXED COIL | 4.7UH | Q70 K-A | | | | | |
| L430 | VE-30001987 | FIXED COIL | 4.7UH | Q70 K-A | | | | | |
| L801 | VE-30002170 | FTZ/RAD COIL | | | | | | | |
| L802 | VE-30002170 | FTZ/RAD COIL | | | | | | | |
| L900 | VE-30001992 | FIXED COIL | | | | | | | |
| L901 | VE-30001992 | FIXED COIL | 10UH | Q65 K-A | | | | | |
| L902 | VE-30001992 | FIXED COIL | 10UH | Q65 K-A | | | | | |
| L903 | VE-30001992 | FIXED COIL | 10UH | Q65 K-A | | | | | |
| L904 | VE-30001987 | FIXED COIL | 4.7UH | Q70 K-A | | | | | |
| DIODE | | | | | | | | | |
| D101 | VE-30001285 | DIODE | | | | | | | |
| D102 | VE-30001291 | DIODE | | | | | | | |

[AV-28BH8EPS / AV-28BH8EPB]

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------|-------------|--------------|-----------|-------------|
| DIODE | | | | |
| D103 | VE-30007768 | DIODE | | |
| D104 | VE-30007768 | DIODE | | |
| D105 | VE-30007768 | DIODE | | |
| D106 | VE-30007758 | BRIDGE DIODE | | |
| D108 | VE-30001318 | DIODE | | |
| D109 | VE-30009699 | ZENER DIODE | | |
| D110 | VE-30001301 | DIODE | | |
| D111 | VE-30001299 | DIODE | | |
| D112 | VE-30001302 | DIODE | | |
| D113 | VE-30001302 | DIODE | | |
| D114 | VE-30001302 | DIODE | | |
| D115 | VE-30001285 | DIODE | | |
| D116 | VE-30007760 | ZENER DIODE | | |
| D117 | VE-30001285 | DIODE | | |
| D118 | VE-30007760 | ZENER DIODE | | |
| D119 | VE-30001284 | DIODE | | |
| D120 | VE-30001291 | DIODE | | |
| D121 | VE-30001318 | DIODE | | |
| D122 | VE-30001318 | DIODE | | |
| D123 | VE-30001285 | DIODE | | |
| D126 | VE-30001284 | DIODE | | |
| D127 | VE-30001284 | DIODE | | |
| D128 | VE-30001284 | DIODE | | |
| D201 | VE-30001291 | DIODE | | |
| D202 | VE-30001285 | DIODE | | |
| D203 | VE-30007760 | ZENER DIODE | | |
| D205 | VE-30007763 | ZENER DIODE | | |
| D206 | VE-30007678 | DIODE | | |
| D207 | VE-30007768 | DIODE | | |
| D208 | VE-30001291 | DIODE | | |
| D209 | VE-30001291 | DIODE | | |
| D210 | VE-30001299 | DIODE | | |
| D211 | VE-30001299 | DIODE | | |
| D212 | VE-30001291 | DIODE | | |
| D213 | VE-30001291 | DIODE | | |
| D214 | VE-30007763 | ZENER DIODE | | |
| D215 | VE-30007762 | ZENER DIODE | | |
| D216 | VE-30001285 | DIODE | | |
| D218 | VE-30001291 | DIODE | | |
| D219 | VE-30001291 | DIODE | | |
| D220 | VE-30001284 | DIODE | | |
| D221 | VE-30001284 | DIODE | | |
| D222 | VE-30001284 | DIODE | | |
| D223 | VE-30001285 | DIODE | | |
| D224 | VE-30001285 | DIODE | | |
| D225 | VE-30001318 | DIODE | | |
| D226 | VE-30007760 | ZENER DIODE | | |
| D227 | VE-30001373 | ZENER DIODE | | |
| D401 | VE-30001285 | DIODE | | |
| D402 | VE-30001285 | DIODE | | |
| D403 | VE-30001285 | DIODE | | |
| D900 | VE-30012412 | ZENER DIODE | | |

TRANSISTOR

| | | |
|------|-------------|----|
| Q101 | VE-30007801 | TR |
| Q103 | VE-30007802 | TR |
| Q104 | VE-30007798 | TR |
| Q105 | VE-30007798 | TR |
| Q106 | VE-30007802 | TR |
| Q107 | VE-30007798 | TR |
| Q108 | VE-30007798 | TR |
| Q109 | VE-30001457 | TR |
| Q110 | VE-30001457 | TR |
| Q112 | VE-30001454 | TR |
| Q113 | VE-30001428 | TR |
| Q201 | VE-30007802 | TR |
| Q202 | VE-30016686 | TR |
| Q203 | VE-30001458 | TR |
| Q204 | VE-30001458 | TR |
| Q205 | VE-30007799 | TR |
| Q206 | VE-30001457 | TR |
| Q207 | VE-30001457 | TR |
| Q208 | VE-30001455 | TR |
| Q401 | VE-30001457 | TR |
| Q403 | VE-30001457 | TR |
| Q405 | VE-30001457 | TR |
| Q406 | VE-30001457 | TR |
| Q408 | VE-30007800 | TR |
| Q415 | VE-30001457 | TR |
| Q801 | VE-30001457 | TR |
| Q802 | VE-30001457 | TR |

| △ | Symbol No. | Part No. | Part Name | Description |
|---|------------|----------|-----------|-------------|
|---|------------|----------|-----------|-------------|

TRANSISTOR

| | | | |
|------|-------------|----|--|
| Q900 | VE-30001458 | TR | |
| Q901 | VE-30001457 | TR | |
| Q902 | VE-30001457 | TR | |
| Q903 | VE-30001457 | TR | |
| Q904 | VE-30001457 | TR | |
| Q905 | VE-30001457 | TR | |
| Q906 | VE-30001457 | TR | |
| Q907 | VE-30001457 | TR | |
| Q908 | VE-30001457 | TR | |
| Q909 | VE-30001458 | TR | |
| Q910 | VE-30001457 | TR | |
| Q911 | VE-30001457 | TR | |

IC

| | | | |
|-------|-------------|---------|---------------------|
| IC101 | VE-30007442 | IC | |
| IC102 | VE-30015087 | IC | |
| IC103 | VE-30001506 | IC | |
| IC104 | VE-30007444 | IC | |
| IC105 | VE-30001500 | IC | |
| IC106 | VE-30001668 | IC | |
| IC201 | VE-30007793 | IC | |
| IC202 | VE-30001506 | IC | |
| IC302 | VE-20105614 | IC | |
| IC304 | VE-20098889 | PR. IC. | (MEMORY) (MICOM) |
| IC401 | VE-30001494 | IC | |
| IC802 | VE-30007794 | IC | |
| IC900 | VE-30013571 | IC | |

OTHERS

| | | | |
|-------|-------------|-------------|-----------------|
| F101 | VE-30001732 | FUSE | 3.15A 250V 5*20 |
| F102 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| F103 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| L103 | VE-30006744 | LINE FILTER | 16MH |
| L104 | VE-30006744 | LINE FILTER | 16MH |
| RL2 | VE-30002183 | RELAY | |
| S133 | VE-30000575 | SMD RES. | 1/10W 2K J |
| T401 | VE-30001724 | SER. FILTER | |
| TU401 | VE-30009637 | TUNER | |
| VL401 | VE-30002036 | ADJ. COIL | |
| X900 | VE-30006662 | XTAL | |
| Z401 | VE-30001706 | SAW FILTER | |
| Z403 | VE-30001692 | SAW FILTER | |

MULTISOUND P.W. BOARD ASS'Y (VE-20103705)

Refer to PARTS LIST in page 10 for this P.W. board

FEATURE BOX P.W. BOARD ASS'Y (VE-20055386)

Refer to PARTS LIST in page 11 for this P.W. board

CRT SOCKET P.W. BOARD ASS'Y (VE-20086313)

Refer to PARTS LIST in page 13 for this P.W. board

FRONT CONTROL P.W. BOARD ASS'Y (VE-20082481)

Refer to PARTS LIST in page 14 for this P.W. board

FRONT AV & HEADPHONE P.W. BOARD ASS'Y (VE-20083091)

Refer to PARTS LIST in page 14 for this P.W. board

PRINTED WIRING BOARD PARTS LIST

[AV-28BH8EES / AV-28BH8EEB]

MAIN P.W. BOARD ASS'Y (VE-20106738)

| △ | Symbol No. | Part No. | Part Name | Description | △ | Symbol No. | Part No. | Part Name | Description |
|--------------------------|-------------|-------------|-----------|--------------------|---|------------|-------------|-----------|--------------|
| VARIABLE RESISTOR | | | | | | | | | |
| RESISTOR | | | | | | | | | |
| VR127 | VE-30001041 | ADJ RES. | | 1/6W 1K M VER | △ | R237 | VE-30001244 | FUSE RES. | 1/2W 0.47R J |
| RESISTOR | | | | | | | | | |
| R101 | VE-30000668 | SMD RES. | | 1/10W 33K J | △ | R238 | VE-30000729 | CF RES. | 1/4W 470K J |
| R102 | VE-30007782 | MF RES. | | 1/4W 3.9M F | △ | R239 | VE-30001215 | FUSE RES. | 1W 1R J |
| R103 | VE-30000855 | MF RES. | | 1/4W 1M F | △ | R240 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R104 | VE-30000668 | SMD RES. | | 1/10W 33K J | △ | R241 | VE-30000818 | SMD RES. | 1/10W 8.2K J |
| R105 | VE-30000452 | CF RES. | | 1/4W 10R J | △ | R242 | VE-30000784 | CF RES. | 1/4W 680K J |
| R106 | VE-30000664 | SMD RES. | | 1/10W 3.3K J | △ | R245 | VE-30000466 | CF RES. | 1/4W 1K J |
| R107 | VE-30007019 | SMD RES. | | 1/10W 10K F | △ | R246 | VE-30001027 | MF RES. | 1/4W 82K J |
| R108 | VE-30007784 | MO RES. | | 5W 33K J (RADIAL) | △ | R250 | VE-30000477 | CF RES. | 1/4W 100K J |
| △ | R109 | VE-30001270 | PTC | 9 OHM | △ | R251 | VE-30000477 | CF RES. | 1/4W 100K J |
| R116 | VE-30001171 | MO RES. | | 2W 4.7K J | △ | R252 | VE-30000779 | SMD RES. | 1/10W 27K F |
| △ | R117 | VE-30001257 | MG RES. | 1/2W 4.7M J | △ | R254 | VE-30000636 | SMD RES. | 1/10W 27K J |
| △ | R118 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | △ | R255 | VE-30001134 | MO RES. | 2W 2.2R J |
| △ | R119 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | △ | R256 | VE-30001100 | MO RES. | 1W 150R J |
| R120 | VE-30000814 | SMD RES. | | 1/10W 820R J | △ | R257 | VE-30001173 | MO RES. | 1W 0.47R J |
| R122 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R260 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R123 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R261 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R124 | VE-30000480 | SMD RES. | | 1/10W 100K J | △ | R262 | VE-30001237 | FUSE RES. | 1/2W 3.3R J |
| R125 | VE-30000927 | MF RES. | | 1/4W 220K J | △ | R264 | VE-30001077 | MO RES. | 2W 10R J |
| R126 | VE-30000664 | SMD RES. | | 1/10W 3.3K J | △ | R270 | VE-30000541 | CF RES. | 1/4W 1.5M J |
| R127 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R271 | VE-30000744 | CF RES. | 1/4W 560R J |
| R128 | VE-30000536 | CF RES. | | 1/4W 150K J | △ | R272 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R129 | VE-30007019 | SMD RES. | | 1/10W 10K F | △ | R280 | VE-30000727 | SMD RES. | 1/10W 47K J |
| R130 | VE-30000721 | SMD RES. | | 1/10W 4.7K J | △ | R281 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R134 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R318 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R135 | VE-30007790 | SMD RES. | | 1/10W 4.3K F | △ | R322 | VE-30000594 | CF RES. | 1/4W 22K J |
| R136 | VE-30000774 | SMD RES. | | 1/10W 680R J | △ | R323 | VE-30000459 | CF RES. | 1/4W 100R J |
| R137 | VE-30007021 | SMD RES. | | 1/10W 1K F | △ | R324 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R138 | VE-30007786 | SMD RES. | | 1/10W 2.55K F | △ | R327 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R139 | VE-30000774 | SMD RES. | | 1/10W 680R J | △ | R360 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R140 | VE-30000459 | CF RES. | | 1/4W 100R J | △ | R361 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R141 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R362 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R142 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R363 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R143 | VE-30007021 | SMD RES. | | 1/10W 1K F | △ | R364 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R144 | VE-30007788 | SMD RES. | | 1/10W 2.7K F | △ | R365 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R145 | VE-30000732 | SMD RES. | | 1/10W 470K J | △ | R366 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R146 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R367 | VE-30000659 | SMD RES. | 1/10W 330R J |
| △ | R148 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY | △ | R368 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R149 | VE-30007204 | MF RES. | | 1/2W 1.5M F | △ | R370 | VE-30000659 | SMD RES. | 1/10W 330R J |
| △ | R150 | VE-30007783 | FUSE RES. | 1/4W 2.2R J | △ | R371 | VE-30000659 | SMD RES. | 1/10W 330R J |
| △ | R151 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY | △ | R372 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R152 | VE-30000659 | SMD RES. | | 1/10W 330R J | △ | R373 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R153 | VE-30012649 | SMD RES. | | 1/16W 150R J | △ | R374 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R154 | VE-30012984 | SMD RES. | | 1/16W 91R J | △ | R375 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R155 | VE-30000712 | CF RES. | | 1/4W 470R J | △ | R376 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R156 | VE-30001089 | MO RES. | | 2W 1R J | △ | R378 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R157 | VE-30000534 | SMD RES. | | 1/10W 15K J | △ | R379 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R158 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R380 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R159 | VE-30000480 | SMD RES. | | 1/10W 100K J | △ | R381 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R160 | VE-30006923 | SMD RES. | | 1/10W 4.3K J | △ | R382 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R202 | VE-30007779 | MO RES. | | 5W 47R J (RADIAL) | △ | R383 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R203 | VE-30000631 | SMD RES. | | 1/10W 2.7K J | △ | R384 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R205 | VE-30017136 | MO RES. | | 1W 0.56R J | △ | R385 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R206 | VE-30001080 | MO RES. | | 2W 100R J | △ | R397 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R210 | VE-30000583 | CF RES. | | 1/4W 220R J | △ | R398 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R211 | VE-30000721 | SMD RES. | | 1/10W 4.7K J | △ | R411 | VE-30000747 | SMD RES. | 1/10W 560R J |
| R212 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R412 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R213 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R413 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R214 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R414 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R215 | VE-30000721 | SMD RES. | | 1/10W 4.7K J | △ | R415 | VE-30000517 | SMD RES. | 1/10W 15R J |
| R216 | VE-30000631 | SMD RES. | | 1/10W 2.7K J | △ | R416 | VE-30000717 | SMD RES. | 1/10W 470R J |
| R217 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R421 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| R218 | VE-30000480 | SMD RES. | | 1/10W 100K J | △ | R422 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R220 | VE-30000590 | CF RES. | | 1/4W 2.2K J | △ | R424 | VE-30000721 | SMD RES. | 1/10W 1K F |
| R225 | VE-30001086 | MO RES. | | 2W 10K J | △ | R425 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R226 | VE-30001168 | MO RES. | | 2W 470R J | △ | R428 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R227 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R429 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R228 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R440 | VE-30000534 | SMD RES. | 1/10W 15K J |
| R229 | VE-30000727 | SMD RES. | | 1/10W 47K J | △ | R441 | VE-30000818 | SMD RES. | 1/10W 8.2K J |
| R230 | VE-30000902 | MF RES. | | 1/4W 1.8K F | △ | R445 | VE-30000814 | SMD RES. | 1/10W 820R J |
| △ | R231 | VE-30001229 | FUSE RES. | 1W 2.2R J | △ | R475 | VE-30000524 | SMD RES. | 1/10W 150R J |
| R232 | VE-30001027 | MF RES. | | 1/4W 82K J | △ | R480 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| △ | R233 | VE-30001244 | FUSE RES. | 1/2W 0.47R J | △ | R490 | VE-30000466 | CF RES. | 1/4W 1K J |
| △ | R234 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | △ | R492 | VE-30000503 | SMD RES. | 1/10W 12K J |
| R235 | VE-30000668 | SMD RES. | | 1/10W 33K J | △ | R506 | VE-30012695 | SMD RES. | 1/16W 470R J |
| R236 | VE-30000718 | CF RES. | | 1/4W 4.7K J | △ | R509 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | | | | | △ | R510 | VE-30000701 | SMD RES. | 1/10W 1K F |
| | | | | | △ | R511 | VE-30000464 | SMD RES. | 1/10W 100R J |

[AV-28BH8EES / AV-28BH8EEB]

| △ Symbol No. | Part No. | Part Name | Description | △ Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|-----------|--------------|--------------|--------------|------------------|------------------------|
| RESISTOR | | | | | | CAPACITOR | |
| R512 | VE-30000464 | SMD RES. | 1/10W 100R J | C100 | VE-3000098 | MKT CAP. | 3.3NF 63V J |
| R513 | VE-30000457 | SMD RES. | 1/10W 10R J | C101 | VE-30000371 | EL CAP. | 220U 50V M |
| R518 | VE-30000735 | SMD RES. | 1/10W 4.7R J | C102 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R801 | VE-30000718 | CF RES. | 1/4W 4.7K J | C103 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R802 | VE-30000718 | CF RES. | 1/4W 4.7K J | C104 | VE-30012323 | MKT CAP. | 1NF 100V J WIMA FK12 |
| R803 | VE-30000628 | CF RES. | 1/4W 2.7K J | C105 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R804 | VE-30000475 | SMD RES. | 1/10W 10K J | C106 | VE-30000332 | SMD CAP. | 4.7NF 50V K |
| R805 | VE-30000534 | SMD RES. | 1/10W 15K J | C107 | VE-30000263 | SMD CAP. | 56P 50V J CH |
| R806 | VE-30000531 | CF RES. | 1/4W 15K J | C108 | VE-30000123 | PP CAP. | 33NF 630V K |
| R807 | VE-30000567 | SMD RES. | 1/10W 18K J | C109 | VE-30000159 | MKP CAP. | 4.7NF 1.6KV J |
| R808 | VE-30000734 | CF RES. | 1/4W 4.7R J | C110 | VE-30000208 | CER CAP. | 470PF 1KV K (PULSE) |
| R809 | VE-30000717 | SMD RES. | 1/10W 470R J | C111 | VE-30000131 | MKP CAP. | 100NF 250V J |
| R810 | VE-30000564 | CF RES. | 1/4W 18K J | C112 | VE-30000094 | MKT CAP. | 220NF AC275V M |
| R811 | VE-30000717 | SMD RES. | 1/10W 470R J | C114 | VE-30000353 | EL CAP. | 100UF 25V M |
| R812 | VE-30000734 | CF RES. | 1/4W 4.7R J | △ C115 | VE-30000785 | MKT CAP. | 470NF AC275V M (P=22.5 |
| R813 | VE-30000475 | SMD RES. | 1/10W 10K J | △ C118 | VE-30000755 | MKT CAP. | 680NF AC275V M X2 |
| R819 | VE-30000734 | CF RES. | 1/4W 4.7R J | C119 | VE-30000754 | MKP CAP. | 1UF 400V |
| R820 | VE-30000734 | CF RES. | 1/4W 4.7R J | C120 | VE-30000753 | MKP CAP. | 1NF 1KV |
| R900 | VE-30012641 | SMD RES. | 1/16W 10K J | C121 | VE-30013690 | EL CAP. | 220UF 450V M 105° C |
| R901 | VE-30012641 | SMD RES. | 1/16W 10K J | △ C122 | VE-30000447 | CER CAP. | 4.7NF 4KV M E |
| R902 | VE-30012641 | SMD RES. | 1/16W 10K J | C124 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R903 | VE-30000718 | CF RES. | 1/4W 4.7K J | C125 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R904 | VE-30000718 | CF RES. | 1/4W 4.7K J | C130 | VE-300007708 | CER CAP. | 1NF 1KV K (PULSE) |
| R905 | VE-30000723 | CF RES. | 1/4W 47K J | C131 | VE-300006909 | EL CAP. | 100UF M 250V |
| R906 | VE-30012696 | SMD RES. | 1/16W 47K J | C132 | VE-30000750 | EL CAP. | 470UF 35V (H/R 1150MA) |
| R907 | VE-30012679 | SMD RES. | 1/16W 3.9K J | C133 | VE-30000409 | EL CAP. | 470UF 25V M |
| R908 | VE-30012679 | SMD RES. | 1/16W 3.9K J | C134 | VE-300007750 | EL CAP. | 470UF 35V (H/R 1150MA) |
| R909 | VE-30000531 | CF RES. | 1/4W 15K J | C135 | VE-300007748 | EL CAP. | 1000UF 35V M |
| R910 | VE-30000531 | CF RES. | 1/4W 15K J | C136 | VE-300007748 | EL CAP. | 1000UF 35V M |
| R911 | VE-30012641 | SMD RES. | 1/16W 10K J | C137 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R912 | VE-30000471 | CF RES. | 1/4W 10K J | C138 | VE-30000224 | SMD CAP. | 220P 50V J |
| R913 | VE-30012641 | SMD RES. | 1/16W 10K J | C139 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R914 | VE-30000471 | CF RES. | 1/4W 10K J | C140 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R915 | VE-30000471 | CF RES. | 1/4W 10K J | C141 | VE-30000352 | EL CAP. | 1000UF 16V M |
| R916 | VE-30012695 | SMD RES. | 1/16W 470R J | C142 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R917 | VE-30012987 | SMD RES. | 1/16W 56R J | C143 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R918 | VE-30012692 | SMD RES. | 1/16W 4.7K J | C144 | VE-30000352 | EL CAP. | 100UF 16V M |
| R919 | VE-30012657 | SMD RES. | 1/16W 1K J | C145 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| R920 | VE-30012657 | SMD RES. | 1/16W 1K J | C146 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R921 | VE-30012657 | SMD RES. | 1/16W 1K J | C147 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R922 | VE-30012657 | SMD RES. | 1/16W 1K J | C148 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R923 | VE-30012657 | SMD RES. | 1/16W 1K J | C149 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R924 | VE-30012696 | SMD RES. | 1/16W 47K J | C150 | VE-30000352 | EL CAP. | 100UF 16V M |
| R925 | VE-30012696 | SMD RES. | 1/16W 47K J | C151 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R926 | VE-30012696 | SMD RES. | 1/16W 47K J | C160 | VE-300007081 | EL CAP. | 4.7UF 50V M (NPL) |
| R927 | VE-30012696 | SMD RES. | 1/16W 47K J | C161 | VE-300007308 | CER CAP. | 220PF 1KV K (PULSE) |
| R928 | VE-30012510 | SMD RES. | 1/16W 100R J | C162 | VE-300007308 | CER CAP. | 220PF 1KV K (PULSE) |
| R929 | VE-30012510 | SMD RES. | 1/16W 100R J | C163 | VE-300009208 | CER CAP. | 470PF 1KV K (PULSE) |
| R930 | VE-30012641 | SMD RES. | 1/16W 10K J | C165 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| R931 | VE-30012641 | SMD RES. | 1/16W 10K J | C166 | VE-30000355 | EL CAP. | 1000UF 50V M |
| R932 | VE-30012641 | SMD RES. | 1/16W 10K J | C167 | VE-300009208 | CER CAP. | 470PF 1KV K (PULSE) |
| R933 | VE-30000718 | CF RES. | 1/4W 4.7K J | C168 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R934 | VE-30012692 | SMD RES. | 1/16W 4.7K J | C170 | VE-30000352 | EL CAP. | 100UF 16V M |
| R935 | VE-30012662 | SMD RES. | 1/16W 2.7K J | C171 | VE-30000352 | EL CAP. | 100UF 16V M |
| R936 | VE-30000718 | CF RES. | 1/4W 4.7K J | C172 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| R937 | VE-30000459 | CF RES. | 1/4W 100R J | C173 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R938 | VE-30012509 | SMD RES. | 1/16W 100K J | C201 | VE-30000400 | EL CAP. | 47UF 50V M |
| R939 | VE-30012692 | SMD RES. | 1/16W 4.7K J | C202 | VE-30000106 | MKT CAP. | 47NF 100V J |
| R940 | VE-30000500 | CF RES. | 1/4W 12K J | C203 | VE-30000099 | MKT CAP. | 33NF 63V J |
| R941 | VE-30000588 | SMD RES. | 1/10W 220R J | C204 | VE-30000345 | EL CAP. | 10UF 50V M |
| R942 | VE-30000588 | SMD RES. | 1/10W 220R J | C206 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R943 | VE-30000471 | CF RES. | 1/4W 10K J | C207 | VE-30000362 | EL CAP. | 1UF 50V M |
| R944 | VE-30012641 | SMD RES. | 1/16W 10K J | C208 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R945 | VE-30000471 | CF RES. | 1/4W 10K J | C209 | VE-30000224 | SMD CAP. | 220PF 50V J |
| R946 | VE-30012657 | SMD RES. | 1/16W 1K J | C210 | VE-30000149 | MKP CAP. | 2.7NF 2KV 3.5 |
| R950 | VE-30012657 | SMD RES. | 1/16W 1K J | C211 | VE-30000179 | MKP CAP. | 9.1NF 1600V 8.5 |
| R951 | VE-30012657 | SMD RES. | 1/16W 1K J | C212 | VE-30000137 | MKP CAP. | 15NF 630V J |
| R952 | VE-30012657 | SMD RES. | 1/16W 1K J | C213 | VE-30007215 | MKP CAP. | 1.2UF 250V J |
| R953 | VE-30000466 | CF RES. | 1/4W 1K J | C214 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R955 | VE-30012657 | SMD RES. | 1/16W 1K J | C215 | VE-30000167 | MKP CAP. | 560NF 250V J |
| R956 | VE-30012510 | SMD RES. | 1/16W 100R J | C216 | VE-30000406 | EL CAP. | 47UF 250V M (HR) |
| R957 | VE-30012655 | SMD RES. | 1/16W 180R J | C222 | VE-30000431 | CER CAP. | 100PF 1KV M |
| R958 | VE-30014022 | SMD RES. | 1/16W 47R J | C223 | VE-30000351 | EL CAP. | 10UF 350V M |
| R959 | VE-30000466 | CF RES. | 1/4W 1K J | C225 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R960 | VE-30000471 | CF RES. | 1/4W 10K J | C226 | VE-30000356 | EL CAP. | 100UF 63V M |
| R961 | VE-30000718 | CF RES. | 1/4W 4.7K J | C228 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R964 | VE-30012641 | SMD RES. | 1/16W 10K J | C232 | VE-30000225 | CER CAP. | 220PF 50V J SL |
| R965 | VE-30012657 | SMD RES. | 1/16W 1K J | C240 | VE-30000354 | EL CAP. | 100UF 35V M |
| R966 | VE-30012641 | SMD RES. | 1/16W 10K J | C250 | VE-30000304 | SMD CAP. | 1.8NF 50V K R |
| R967 | VE-30012650 | SMD RES. | 1/16W 15K J | C251 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R968 | VE-30000692 | SMD RES. | 1/10W 3.9K J | C252 | VE-30000289 | SMD CAP. | 10NF 50V K R |

[AV-28BH8EES / AV-28BH8EEB]

| △ | Symbol No. | Part No. | Part Name | Description | △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|----------------|-------------|------|-------------|----------|----------------|-------------|
| CAPACITOR | | | | | | | | | |
| C253 | VE-30000294 | SMD CAP. | 100NF 50V K | | C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C254 | VE-30000360 | EL CAP. | 1000UF 25V M | | C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C255 | VE-30000294 | SMD CAP. | 100NF 50V K | | C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C256 | VE-30000078 | MKT CAP. | 1UF 100V M | | C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C257 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | | C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C258 | VE-30000322 | SMD CAP. | 3.3NF 50V K | | C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C305 | VE-30000294 | SMD CAP. | 100NF 50V K | | C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C313 | VE-30000189 | SMD CAP. | 100PF 50V J | | C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C321 | VE-30000352 | EL CAP. | 100UF 16V M | | C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C322 | VE-30000352 | EL CAP. | 100UF 16V M | | C931 | VE-30000243 | CER CAP. | 330PF 50V J CH | |
| C324 | VE-30000294 | SMD CAP. | 100NF 50V K | | C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C333 | VE-30000294 | SMD CAP. | 100NF 50V K | | C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C402 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C403 | VE-30000384 | EL CAP. | 2.2UF 50V M | | | | | | |
| C404 | VE-30000284 | SMD CAP. | 1NF 50V K R | | | | | | |
| C405 | VE-30000284 | SMD CAP. | 1NF 50V K R | | | | | | |
| C406 | VE-30000224 | SMD CAP. | 220PF 50V J | | | | | | |
| C407 | VE-30000312 | SMD CAP. | 22NF 50V K | | | | | | |
| C408 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C409 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C410 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C411 | VE-30000109 | MKT CAP. | 470NF 63V J | | | | | | |
| C412 | VE-30000384 | EL CAP. | 2.2UF 50V M | | | | | | |
| C413 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C414 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C417 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C418 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C419 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C427 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C428 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C440 | VE-30000400 | EL CAP. | 47UF 50V M | | | | | | |
| C441 | VE-30000220 | SMD CAP. | 22PF 50V J | | | | | | |
| C442 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C443 | VE-30013411 | SMD CAP. | 180PF 50V J | | | | | | |
| C450 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C451 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C453 | VE-30000355 | EL CAP. | 100UF 50V M | | | | | | |
| C454 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C455 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C456 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C457 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C468 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C478 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C492 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C497 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C498 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C499 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C500 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C505 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C506 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C509 | VE-30000186 | SMD CAP. | 10PF 50V D COG | | | | | | |
| C510 | VE-30000186 | SMD CAP. | 10PF 50V D COG | | | | | | |
| C511 | VE-30000341 | SMD CAP. | 68NF 50V K | | | | | | |
| C610 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C801 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C802 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C804 | VE-30000409 | EL CAP. | 470UF 25V M | | | | | | |
| C805 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C806 | VE-30000409 | EL CAP. | 470UF 25V M | | | | | | |
| C807 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C808 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C809 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C819 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C820 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C821 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C822 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C823 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C900 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C901 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C902 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C903 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C904 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C905 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C906 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C907 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C908 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C909 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C910 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C911 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C912 | VE-30012569 | SMD CAP. | 33PF 50V J | | | | | | |
| C913 | VE-30012569 | SMD CAP. | 33PF 50V J | | | | | | |
| C914 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C915 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------------|-------------|----------------|-----------------------|-------------|
| CAPACITOR | | | | |
| C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C931 | VE-30000243 | CER CAP. | 330PF 50V J CH | |
| C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| TRANSFORMER | | | | |
| △ | TR101 | VE-30016819 | SMPS TRF | |
| △ | TR201 | VE-30006743 | HORIZONTAL DRIVER TRF | |
| △ | TR202 | VE-30016922 | FBT TRF | |
| COIL | | | | |
| L101 | VE-30006712 | FERRITE BEAD | | |
| L102 | VE-30007775 | PFC COIL | 1MH 1KHZ 2A | |
| L106 | VE-30006712 | FERRITE BEAD | | |
| L107 | VE-30001960 | FERIT BAR | | |
| L108 | VE-30001960 | FERIT BAR | | |
| L109 | VE-30001960 | FERIT BAR | | |
| L201 | VE-30007771 | FIXED COIL | | |
| L202 | VE-30007757 | INJECTION COIL | 6MH AK28 | |
| L203 | VE-30007770 | FILTER COIL | 1MH AK28 | |
| L204 | VE-30012271 | LINEARTY COIL | 4.3UH VOGT | |
| L205 | VE-30007756 | BRIDGE COIL | 150UH 32KHZ AK28 | |
| L206 | VE-30006712 | FERRITE BEAD | | |
| L207 | VE-30006712 | FERRITE BEAD | | |
| L304 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L401 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L403 | VE-30001979 | FIXED COIL | 1UH Q45 M-A | |
| L405 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L420 | VE-30001996 | FIXED COIL | 22UH Q40 K | |
| L421 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L422 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L423 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L425 | VE-30001971 | FERRITE BEAT | | |
| L427 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L428 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L429 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L430 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L801 | VE-30002170 | FTZ/RAD COIL | | |
| L802 | VE-30002170 | FTZ/RAD COIL | | |
| L900 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L901 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L902 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L903 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L904 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| DIODE | | | | |
| D101 | VE-30001285 | DIODE | | |
| D102 | VE-30001291 | DIODE | | |
| D103 | VE-30007768 | DIODE | | |
| D104 | VE-30007768 | DIODE | | |
| D105 | VE-30007768 | DIODE | | |
| D106 | VE-30007758 | BRIDGE DIODE | | |
| D108 | VE-30001318 | DIODE | | |
| D109 | VE-30009699 | ZENER DIODE | | |
| D110 | VE-30001301 | DIODE | | |
| D111 | VE-30001299 | DIODE | | |
| D112 | VE-30001302 | DIODE | | |
| D113 | VE-30001302 | DIODE | | |
| D114 | VE-30001302 | DIODE | | |
| D115 | VE-30001285 | DIODE | | |
| D116 | VE-30007760 | ZENER DIODE | | |
| D117 | VE-30001285 | DIODE | | |
| D118 | VE-30007760 | ZENER DIODE | | |
| D119 | VE-30001284 | DIODE | | |
| D120 | VE-30001291 | DIODE | | |
| D121 | VE-30001318 | DIODE | | |
| D122 | VE-30001318 | DIODE | | |
| D123 | VE-30001285 | DIODE | | |

[AV-28BH8EES / AV-28BH8EEB]

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------|-------------|-------------|-----------|-------------|
| DIODE | | | | |
| D126 | VE-30001284 | DIODE | | |
| D127 | VE-30001284 | DIODE | | |
| D128 | VE-30001284 | DIODE | | |
| D201 | VE-30001291 | DIODE | | |
| D202 | VE-30001285 | DIODE | | |
| D203 | VE-30007760 | ZENER DIODE | | |
| D205 | VE-30007763 | ZENER DIODE | | |
| D206 | VE-30007678 | DIODE | | |
| D207 | VE-30007768 | DIODE | | |
| D208 | VE-30001291 | DIODE | | |
| D209 | VE-30001291 | DIODE | | |
| D210 | VE-30001299 | DIODE | | |
| D211 | VE-30001299 | DIODE | | |
| D212 | VE-30001291 | DIODE | | |
| D213 | VE-30001291 | DIODE | | |
| D214 | VE-30007763 | ZENER DIODE | | |
| D215 | VE-30007762 | ZENER DIODE | | |
| D216 | VE-30001285 | DIODE | | |
| D218 | VE-30001291 | DIODE | | |
| D219 | VE-30001291 | DIODE | | |
| D220 | VE-30001284 | DIODE | | |
| D221 | VE-30001284 | DIODE | | |
| D222 | VE-30001284 | DIODE | | |
| D223 | VE-30001285 | DIODE | | |
| D224 | VE-30001285 | DIODE | | |
| D225 | VE-30001318 | DIODE | | |
| D226 | VE-30007760 | ZENER DIODE | | |
| D227 | VE-30001373 | ZENER DIODE | | |
| D403 | VE-30001285 | DIODE | | |
| D900 | VE-30012412 | ZENER DIODE | | |

TRANSISTOR

| | | |
|------|-------------|----|
| Q101 | VE-30007801 | TR |
| Q103 | VE-30007802 | TR |
| Q104 | VE-30007798 | TR |
| Q105 | VE-30007798 | TR |
| Q106 | VE-30007802 | TR |
| Q107 | VE-30007798 | TR |
| Q108 | VE-30007798 | TR |
| Q109 | VE-30001457 | TR |
| Q110 | VE-30001457 | TR |
| Q112 | VE-30001454 | TR |
| Q113 | VE-30001428 | TR |
| Q201 | VE-30007802 | TR |
| Q202 | VE-30016686 | TR |
| Q203 | VE-30001458 | TR |
| Q204 | VE-30001458 | TR |
| Q205 | VE-30007799 | TR |
| Q206 | VE-30001457 | TR |
| Q207 | VE-30001457 | TR |
| Q208 | VE-30001455 | TR |
| Q403 | VE-30001457 | TR |
| Q408 | VE-30007800 | TR |
| Q415 | VE-30001457 | TR |
| Q801 | VE-30001457 | TR |
| Q802 | VE-30001457 | TR |
| Q900 | VE-30001458 | TR |
| Q901 | VE-30001457 | TR |
| Q902 | VE-30001457 | TR |
| Q903 | VE-30001457 | TR |
| Q904 | VE-30001457 | TR |
| Q905 | VE-30001457 | TR |
| Q906 | VE-30001457 | TR |
| Q907 | VE-30001457 | TR |
| Q908 | VE-30001457 | TR |
| Q909 | VE-30001458 | TR |
| Q910 | VE-30001457 | TR |
| Q911 | VE-30001457 | TR |

IC

| | | | |
|---|-------|-------------|----|
| △ | IC101 | VE-30007442 | IC |
| | IC102 | VE-30015087 | IC |
| | IC103 | VE-30001506 | IC |
| | IC104 | VE-30007444 | IC |
| | IC105 | VE-30001500 | IC |
| | IC106 | VE-30001668 | IC |
| | IC201 | VE-30007793 | IC |

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------|------------|-------------|-----------|-------------|
| IC | | | | |
| | IC202 | VE-30001506 | IC | |
| | IC302 | VE-20105598 | IC | |
| | IC304 | VE-20098889 | PR. IC. | (MICOM) |
| | IC401 | VE-30001495 | IC | |
| | IC802 | VE-30007794 | IC | |
| | IC900 | VE-30013571 | IC | |

| △ | Symbol No. | Part No. | Part Name | Description |
|---------------|------------|-------------|-------------|-----------------|
| OTHERS | | | | |
| △ | F101 | VE-30001732 | FUSE | 3.15A 250V 5*20 |
| △ | F102 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| △ | F103 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| △ | L103 | VE-30006744 | LINE FILTER | 16MH |
| △ | L104 | VE-30006744 | LINE FILTER | 16MH |
| | RL2 | VE-30002183 | RELAY | |
| | S133 | VE-30000575 | SMD RES. | 1/10W 2K J |
| | T401 | VE-30001724 | SER. FILTER | |
| | TU401 | VE-30009637 | TUNER | |
| | VL401 | VE-30002037 | ADJ COIL | |
| | X900 | VE-30006662 | XTAL | |
| | Z401 | VE-30001706 | SAW FILTER | |
| | Z403 | VE-30001692 | SAW FILTER | |

MULTISOUND P.W. BOARD ASS'Y (VE-20103705)

Refer to PARTS LIST in page 10 for this P.W. board

FEATURE BOX P.W. BOARD ASS'Y (VE-20055386)

Refer to PARTS LIST in page 11 for this P.W. board

CRT SOCKET P.W. BOARD ASS'Y (VE-20086313)

Refer to PARTS LIST in page 13 for this P.W. board

FRONT CONTROL P.W. BOARD ASS'Y**(VE-20082481)**

Refer to PARTS LIST in page 14 for this P.W. board

FRONT AV & HEADPHONE P.W. BOARD ASS'Y
(VE-20083091)

Refer to PARTS LIST in page 14 for this P.W. board

PRINTED WIRING BOARD PARTS LIST

[AV-28BH88EN]

MAIN P.W. BOARD ASS'Y (VE-20105619)

| △ | Symbol No. | Part No. | Part Name | Description | △ | Symbol No. | Part No. | Part Name | Description |
|--------------------------|-------------|-------------|-----------|--------------------|---|------------|-------------|-----------|--------------|
| VARIABLE RESISTOR | | | | | | | | | |
| RESISTOR | | | | | | | | | |
| VR127 | VE-30001041 | ADJ RES. | | 1/6W 1K M VER | △ | R237 | VE-30001244 | FUSE RES. | 1/2W 0.47R J |
| RESISTOR | | | | | | | | | |
| R101 | VE-30000668 | SMD RES. | | 1/10W 33K J | △ | R238 | VE-30000729 | CF RES. | 1/4W 470K J |
| R102 | VE-30007782 | MF RES. | | 1/4W 3.9M F | △ | R239 | VE-30001215 | FUSE RES. | 1W 1R J |
| R103 | VE-30000855 | MF RES. | | 1/4W 1M F | △ | R240 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R104 | VE-30000668 | SMD RES. | | 1/10W 33K J | △ | R241 | VE-30000818 | SMD RES. | 1/10W 8.2K J |
| R105 | VE-30000452 | CF RES. | | 1/4W 10R J | △ | R242 | VE-30000784 | CF RES. | 1/4W 680K J |
| R106 | VE-30000664 | SMD RES. | | 1/10W 3.3K J | △ | R245 | VE-30000466 | CF RES. | 1/4W 1K J |
| R107 | VE-30007019 | SMD RES. | | 1/10W 10K F | △ | R246 | VE-30001027 | MF RES. | 1/4W 82K J |
| R108 | VE-30007784 | MO RES. | | 5W 33K J (RADIAL) | △ | R250 | VE-30000477 | CF RES. | 1/4W 100K J |
| △ | R109 | VE-30001270 | PTC | 9 OHM | △ | R251 | VE-30000477 | CF RES. | 1/4W 100K J |
| R116 | VE-30001171 | MO RES. | | 2W 4.7K J | △ | R252 | VE-30000779 | SMD RES. | 1/10W 27K F |
| △ | R117 | VE-30001257 | MG RES. | 1/2W 4.7M J | △ | R254 | VE-30000636 | SMD RES. | 1/10W 27K J |
| △ | R118 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | △ | R255 | VE-30001134 | MO RES. | 2W 2.2R J |
| △ | R119 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | △ | R256 | VE-30001100 | MO RES. | 1W 150R J |
| R120 | VE-30000814 | SMD RES. | | 1/10W 820R J | △ | R257 | VE-30001173 | MO RES. | 1W 0.47R J |
| R122 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R260 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R123 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R261 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R124 | VE-30000480 | SMD RES. | | 1/10W 100K J | △ | R262 | VE-30001237 | FUSE RES. | 1/2W 3.3R J |
| R125 | VE-30000927 | MF RES. | | 1/4W 220K J | △ | R264 | VE-30001077 | MO RES. | 2W 10R J |
| R126 | VE-30000664 | SMD RES. | | 1/10W 3.3K J | △ | R270 | VE-30000541 | CF RES. | 1/4W 1.5M J |
| R127 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R271 | VE-30000744 | CF RES. | 1/4W 560R J |
| R128 | VE-30000536 | CF RES. | | 1/4W 150K J | △ | R272 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R129 | VE-30007019 | SMD RES. | | 1/10W 10K F | △ | R280 | VE-30000727 | SMD RES. | 1/10W 47K J |
| R130 | VE-30000721 | SMD RES. | | 1/10W 4.7K J | △ | R281 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R134 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R318 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R135 | VE-30007790 | SMD RES. | | 1/10W 4.3K F | △ | R322 | VE-30000594 | CF RES. | 1/4W 22K J |
| R136 | VE-30000774 | SMD RES. | | 1/10W 680R J | △ | R323 | VE-30000459 | CF RES. | 1/4W 100R J |
| R137 | VE-30007021 | SMD RES. | | 1/10W 1K F | △ | R324 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R138 | VE-30007786 | SMD RES. | | 1/10W 2.55K F | △ | R327 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R139 | VE-30000774 | SMD RES. | | 1/10W 680R J | △ | R360 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R140 | VE-30000459 | CF RES. | | 1/4W 100R J | △ | R361 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R141 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R362 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R142 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R363 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R143 | VE-30007021 | SMD RES. | | 1/10W 1K F | △ | R364 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R144 | VE-30007788 | SMD RES. | | 1/10W 2.7K F | △ | R365 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R145 | VE-30000732 | SMD RES. | | 1/10W 470K J | △ | R366 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R146 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R367 | VE-30000659 | SMD RES. | 1/10W 330R J |
| △ | R148 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY | △ | R368 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R149 | VE-30007204 | MF RES. | | 1/2W 1.5M F | △ | R370 | VE-30000659 | SMD RES. | 1/10W 330R J |
| △ | R150 | VE-30007783 | FUSE RES. | 1/4W 2.2R J | △ | R371 | VE-30000659 | SMD RES. | 1/10W 330R J |
| △ | R151 | VE-30014023 | FUSE RES. | 1/2W 0.1R J VISHAY | △ | R372 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R152 | VE-30000659 | SMD RES. | | 1/10W 330R J | △ | R373 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R153 | VE-30012649 | SMD RES. | | 1/16W 150R J | △ | R374 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R154 | VE-30012984 | SMD RES. | | 1/16W 91R J | △ | R375 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R155 | VE-30000712 | CF RES. | | 1/4W 470R J | △ | R376 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R156 | VE-30001089 | MO RES. | | 2W 1R J | △ | R378 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R157 | VE-30000534 | SMD RES. | | 1/10W 15K J | △ | R379 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R158 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R380 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R159 | VE-30000480 | SMD RES. | | 1/10W 100K J | △ | R381 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R160 | VE-30006923 | SMD RES. | | 1/10W 4.3K J | △ | R382 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R202 | VE-30007779 | MO RES. | | 5W 47R J (RADIAL) | △ | R383 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R203 | VE-30000631 | SMD RES. | | 1/10W 2.7K J | △ | R384 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R205 | VE-30017136 | MO RES. | | 1W 0.56R J | △ | R385 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R206 | VE-30001080 | MO RES. | | 2W 100R J | △ | R397 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R210 | VE-30000583 | CF RES. | | 1/4W 220R J | △ | R398 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R211 | VE-30000721 | SMD RES. | | 1/10W 4.7K J | △ | R411 | VE-30000747 | SMD RES. | 1/10W 560R J |
| R212 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R412 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R213 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R413 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R214 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R414 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R215 | VE-30000721 | SMD RES. | | 1/10W 4.7K J | △ | R415 | VE-30000517 | SMD RES. | 1/10W 15R J |
| R216 | VE-30000631 | SMD RES. | | 1/10W 2.7K J | △ | R416 | VE-30000717 | SMD RES. | 1/10W 470R J |
| R217 | VE-30000593 | SMD RES. | | 1/10W 2.2K J | △ | R421 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| R218 | VE-30000480 | SMD RES. | | 1/10W 100K J | △ | R422 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R220 | VE-30000590 | CF RES. | | 1/4W 2.2K J | △ | R424 | VE-30000721 | SMD RES. | 1/10W 1K F |
| R225 | VE-30001086 | MO RES. | | 2W 10K J | △ | R425 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R226 | VE-30001168 | MO RES. | | 2W 470R J | △ | R428 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R227 | VE-30000469 | SMD RES. | | 1/10W 1K J | △ | R429 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R228 | VE-30000475 | SMD RES. | | 1/10W 10K J | △ | R440 | VE-30000534 | SMD RES. | 1/10W 15K J |
| R229 | VE-30000727 | SMD RES. | | 1/10W 47K J | △ | R441 | VE-30000818 | SMD RES. | 1/10W 8.2K J |
| R230 | VE-30000902 | MF RES. | | 1/4W 1.8K F | △ | R445 | VE-30000814 | SMD RES. | 1/10W 820R J |
| △ | R231 | VE-30001229 | FUSE RES. | 1W 2.2R J | △ | R475 | VE-30000524 | SMD RES. | 1/10W 150R J |
| R232 | VE-30001027 | MF RES. | | 1/4W 82K J | △ | R480 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| △ | R233 | VE-30001244 | FUSE RES. | 1/2W 0.47R J | △ | R490 | VE-30000466 | CF RES. | 1/4W 1K J |
| △ | R234 | VE-30000936 | FUSE RES. | 1/2W 0.1R J | △ | R492 | VE-30000503 | SMD RES. | 1/10W 12K J |
| R235 | VE-30000668 | SMD RES. | | 1/10W 33K J | △ | R506 | VE-30012695 | SMD RES. | 1/16W 470R J |
| R236 | VE-30000718 | CF RES. | | 1/4W 4.7K J | △ | R509 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | | | | | △ | R510 | VE-30000701 | SMD RES. | 1/10W 1K F |
| | | | | | △ | R511 | VE-30000464 | SMD RES. | 1/10W 100R J |

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| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|----------|--------------|-------------|
| RESISTOR | | | | |
| R512 | VE-30000464 | SMD RES. | 1/10W 100R J | |
| R513 | VE-30000457 | SMD RES. | 1/10W 10R J | |
| R518 | VE-30000735 | SMD RES. | 1/10W 4.7R J | |
| R801 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R802 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R803 | VE-30000628 | CF RES. | 1/4W 2.7K J | |
| R804 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R805 | VE-30000534 | SMD RES. | 1/10W 15K J | |
| R806 | VE-30000531 | CF RES. | 1/4W 15K J | |
| R807 | VE-30000567 | SMD RES. | 1/10W 18K J | |
| R808 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R809 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R810 | VE-30000564 | CF RES. | 1/4W 18K J | |
| R811 | VE-30000717 | SMD RES. | 1/10W 470R J | |
| R812 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R813 | VE-30000475 | SMD RES. | 1/10W 10K J | |
| R819 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R820 | VE-30000734 | CF RES. | 1/4W 4.7R J | |
| R900 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R901 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R902 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R903 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R904 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R905 | VE-30000723 | CF RES. | 1/4W 47K J | |
| R906 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R907 | VE-30012679 | SMD RES. | 1/16W 3.9K J | |
| R908 | VE-30012679 | SMD RES. | 1/16W 3.9K J | |
| R909 | VE-30000531 | CF RES. | 1/4W 15K J | |
| R910 | VE-30000531 | CF RES. | 1/4W 15K J | |
| R911 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R912 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R913 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R914 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R915 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R916 | VE-30012695 | SMD RES. | 1/16W 470R J | |
| R917 | VE-30012987 | SMD RES. | 1/16W 56R J | |
| R918 | VE-30012692 | SMD RES. | 1/16W 4.7K J | |
| R919 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R920 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R921 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R922 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R923 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R924 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R925 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R926 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R927 | VE-30012696 | SMD RES. | 1/16W 47K J | |
| R928 | VE-30012510 | SMD RES. | 1/16W 100R J | |
| R929 | VE-30012510 | SMD RES. | 1/16W 100R J | |
| R930 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R931 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R932 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R933 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R934 | VE-30012692 | SMD RES. | 1/16W 4.7K J | |
| R935 | VE-30012662 | SMD RES. | 1/16W 2.7K J | |
| R936 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R937 | VE-30000459 | CF RES. | 1/4W 100R J | |
| R938 | VE-30012509 | SMD RES. | 1/16W 100K J | |
| R939 | VE-30012692 | SMD RES. | 1/16W 4.7K J | |
| R940 | VE-30000500 | CF RES. | 1/4W 12K J | |
| R941 | VE-30000588 | SMD RES. | 1/10W 220R J | |
| R942 | VE-30000588 | SMD RES. | 1/10W 220R J | |
| R943 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R944 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R945 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R946 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R950 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R951 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R952 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R953 | VE-30000466 | CF RES. | 1/4W 1K J | |
| R955 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R956 | VE-30012510 | SMD RES. | 1/16W 100R J | |
| R957 | VE-30012655 | SMD RES. | 1/16W 180R J | |
| R958 | VE-30014022 | SMD RES. | 1/16W 47R J | |
| R959 | VE-30000466 | CF RES. | 1/4W 1K J | |
| R960 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R961 | VE-30000718 | CF RES. | 1/4W 4.7K J | |
| R964 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R965 | VE-30012657 | SMD RES. | 1/16W 1K J | |
| R966 | VE-30012641 | SMD RES. | 1/16W 10K J | |
| R967 | VE-30012650 | SMD RES. | 1/16W 15K J | |
| R968 | VE-30000692 | SMD RES. | 1/10W 3.9K J | |

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|------------------------|-------------|
| CAPACITOR | | | | |
| C100 | VE-30000098 | MKT CAP. | 3.3NF 63V J | |
| C101 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C102 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C103 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C104 | VE-30012323 | MKT CAP. | 1NF 100V J WIMA FK12 | |
| C105 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C106 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C107 | VE-30000263 | SMD CAP. | 56PF 50V J CH | |
| C108 | VE-30000123 | PP CAP. | 33NF 630V K | |
| C109 | VE-30000159 | MKP CAP. | 4.7NF 1.6KV J | |
| C110 | VE-30000208 | CER CAP. | 470PF 1KV K (PULSE) | |
| C111 | VE-30000131 | MKP CAP. | 100NF 250V J | |
| C112 | VE-30000094 | MKT CAP. | 220NF AC275V M | |
| C114 | VE-30000353 | EL CAP. | 100UF 25V M | |
| △ C115 | VE-30000785 | MKT CAP. | 470NF AC275V M (P=22.5 | |
| △ C118 | VE-30000755 | MKT CAP. | 680NF AC275V M X2 | |
| C119 | VE-30000754 | MKP CAP. | 1UF 400V | |
| C120 | VE-30000753 | MKP CAP. | 1NF 1KV | |
| C121 | VE-30013690 | EL CAP. | 220UF 450V M 105° C | |
| △ C122 | VE-30000447 | CER CAP. | 4.7NF 4KV M E | |
| C124 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C125 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C130 | VE-30007708 | CER CAP. | 1NF 1KV K (PULSE) | |
| C131 | VE-30006909 | EL CAP. | 100UF M 250V | |
| C132 | VE-30000750 | EL CAP. | 470UF 35V (H/R 1150MA) | |
| C133 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C134 | VE-30000750 | EL CAP. | 470UF 35V (H/R 1150MA) | |
| C135 | VE-30007748 | EL CAP. | 1000UF 35V M | |
| C136 | VE-30007748 | EL CAP. | 1000UF 35V M | |
| C137 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C138 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C139 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C140 | VE-30000360 | EL CAP. | 1000UF 25V M | |
| C141 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C142 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C143 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C144 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C145 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C146 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| C147 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| C148 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C149 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C150 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C151 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C160 | VE-30007081 | EL CAP. | 4.7UF 50V M (NPL) | |
| C161 | VE-30007308 | CER CAP. | 220PF 1KV K (PULSE) | |
| C162 | VE-30007308 | CER CAP. | 220PF 1KV K (PULSE) | |
| C163 | VE-30009208 | CER CAP. | 470PF 1KV K (PULSE) | |
| C165 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C166 | VE-30000355 | EL CAP. | 1000UF 50V M | |
| C167 | VE-30009208 | CER CAP. | 470PF 1KV K (PULSE) | |
| C168 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C170 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C171 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C172 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C173 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C201 | VE-30000400 | EL CAP. | 47UF 50V M | |
| C202 | VE-30000106 | MKT CAP. | 47NF 100V J | |
| C203 | VE-30000099 | MKT CAP. | 33NF 63V J | |
| C204 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C206 | VE-30000315 | SMD CAP. | 220NF 25V Z | |
| C207 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C208 | VE-30000415 | EL CAP. | 4.7UF 250V M | |
| C209 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C210 | VE-30000149 | MKP CAP. | 2.7NF 2KV 8.3.5 | |
| C211 | VE-30000179 | MKP CAP. | 9.1NF 1600V 8.3.5 | |
| C212 | VE-30000137 | MKP CAP. | 15NF 630V J | |
| C213 | VE-30007215 | MKP CAP. | 1.2UF 250V J | |
| C214 | VE-30000415 | EL CAP. | 4.7UF 250V M | |
| C215 | VE-30000167 | MKP CAP. | 560NF 250V J | |
| C216 | VE-30000406 | EL CAP. | 47UF 250V M (HR) | |
| C222 | VE-30000431 | CER CAP. | 100PF 1KV M | |
| C223 | VE-30000351 | EL CAP. | 10UF 350V M | |
| C225 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| C226 | VE-30000356 | EL CAP. | 100UF 63V M | |
| C228 | VE-30000360 | EL CAP. | 1000UF 25V M | |
| C232 | VE-30000225 | CER CAP. | 220PF 50V J SL | |
| C240 | VE-30000354 | EL CAP. | 100UF 35V M | |
| C250 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | |
| C251 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| C252 | VE-30000289 | SMD CAP. | 10NF 50V K R | |

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| △ | Symbol No. | Part No. | Part Name | Description | △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|----------------|-------------|------|-------------|----------|----------------|-------------|
| CAPACITOR | | | | | | | | | |
| C253 | VE-30000294 | SMD CAP. | 100NF 50V K | | C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C254 | VE-30000360 | EL CAP. | 1000UF 25V M | | C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C255 | VE-30000294 | SMD CAP. | 100NF 50V K | | C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C256 | VE-30000078 | MKT CAP. | 1UF 100V M | | C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C257 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | | C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C258 | VE-30000322 | SMD CAP. | 3.3NF 50V K | | C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C305 | VE-30000294 | SMD CAP. | 100NF 50V K | | C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C313 | VE-30000189 | SMD CAP. | 100PF 50V J | | C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C321 | VE-30000352 | EL CAP. | 100UF 16V M | | C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C322 | VE-30000352 | EL CAP. | 100UF 16V M | | C931 | VE-30000243 | CER CAP. | 330PF 50V J CH | |
| C324 | VE-30000294 | SMD CAP. | 100NF 50V K | | C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C333 | VE-30000294 | SMD CAP. | 100NF 50V K | | C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C402 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C403 | VE-30000384 | EL CAP. | 2.2UF 50V M | | | | | | |
| C404 | VE-30000284 | SMD CAP. | 1NF 50V K R | | | | | | |
| C405 | VE-30000284 | SMD CAP. | 1NF 50V K R | | | | | | |
| C406 | VE-30000224 | SMD CAP. | 220PF 50V J | | | | | | |
| C407 | VE-30000312 | SMD CAP. | 22NF 50V K | | | | | | |
| C408 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C409 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C410 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C411 | VE-30000109 | MKT CAP. | 470NF 63V J | | | | | | |
| C412 | VE-30000384 | EL CAP. | 2.2UF 50V M | | | | | | |
| C413 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C414 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C417 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C418 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C419 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C427 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C428 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C440 | VE-30000400 | EL CAP. | 47UF 50V M | | | | | | |
| C441 | VE-30000220 | SMD CAP. | 22PF 50V J | | | | | | |
| C442 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C443 | VE-30013411 | SMD CAP. | 180PF 50V J | | | | | | |
| C450 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C451 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C453 | VE-30000355 | EL CAP. | 100UF 50V M | | | | | | |
| C454 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C455 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C456 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C457 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C468 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C478 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C492 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C497 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C498 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C499 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C500 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C505 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C506 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C509 | VE-30000186 | SMD CAP. | 10PF 50V D COG | | | | | | |
| C510 | VE-30000186 | SMD CAP. | 10PF 50V D COG | | | | | | |
| C511 | VE-30000341 | SMD CAP. | 68NF 50V K | | | | | | |
| C610 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C801 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C802 | VE-30000362 | EL CAP. | 1UF 50V M | | | | | | |
| C804 | VE-30000409 | EL CAP. | 470UF 25V M | | | | | | |
| C805 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C806 | VE-30000409 | EL CAP. | 470UF 25V M | | | | | | |
| C807 | VE-30000294 | SMD CAP. | 100NF 50V K | | | | | | |
| C808 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C809 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C819 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C820 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C821 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C822 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | | | | | | |
| C823 | VE-30000345 | EL CAP. | 10UF 50V M | | | | | | |
| C900 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C901 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C902 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C903 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C904 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C905 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C906 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C907 | VE-30000074 | MKT CAP. | 100NF 63V J | | | | | | |
| C908 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C909 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C910 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |
| C911 | VE-30000352 | EL CAP. | 100UF 16V M | | | | | | |
| C912 | VE-30012569 | SMD CAP. | 33PF 50V J | | | | | | |
| C913 | VE-30012569 | SMD CAP. | 33PF 50V J | | | | | | |
| C914 | VE-30000371 | EL CAP. | 22UF 50V M | | | | | | |
| C915 | VE-30016654 | SMD CAP. | 100NF 16V K R | | | | | | |

| △ | Symbol No. | Part No. | Part Name | Description |
|--------------------|-------------|----------------|-----------------------|-------------|
| CAPACITOR | | | | |
| C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C931 | VE-30000243 | CER CAP. | 330PF 50V J CH | |
| C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| TRANSFORMER | | | | |
| △ | TR101 | VE-30016819 | SMPS TRF | |
| △ | TR201 | VE-30006743 | HORIZONTAL DRIVER TRF | |
| △ | TR202 | VE-30016922 | FBT TRF | |
| COIL | | | | |
| L101 | VE-30006712 | FERRITE BEAD | | |
| L102 | VE-30007755 | PFC COIL | 1MH 1KHZ 2A | |
| L106 | VE-30006712 | FERRITE BEAD | | |
| L107 | VE-30001960 | FERIT BAR | | |
| L108 | VE-30001960 | FERIT BAR | | |
| L109 | VE-30001960 | FERIT BAR | | |
| L201 | VE-30007771 | FIXED COIL | | |
| L202 | VE-30007757 | INJECTION COIL | 6MH AK28 | |
| L203 | VE-30007770 | FILTER COIL | 1MH AK28 | |
| L204 | VE-30012271 | LINEARTY COIL | 4.3UH VOGT | |
| L205 | VE-30007756 | BRIDGE COIL | 150UH 32KHZ AK28 | |
| L206 | VE-30006712 | FERRITE BEAD | | |
| L207 | VE-30006712 | FERRITE BEAD | | |
| L304 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L401 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L403 | VE-30001979 | FIXED COIL | 1UH Q45 M-A | |
| L405 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L420 | VE-30001996 | FIXED COIL | 22UH Q40 K | |
| L421 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L422 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L423 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L425 | VE-30001971 | FERRITE BEAD | | |
| L427 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L428 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L429 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L430 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L801 | VE-30002170 | FTZ/RAD COIL | | |
| L802 | VE-30002170 | FTZ/RAD COIL | | |
| L900 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L901 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L902 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L903 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L904 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| DIODE | | | | |
| D101 | VE-30001285 | DIODE | | |
| D102 | VE-30001291 | DIODE | | |
| D103 | VE-30007768 | DIODE | | |
| D104 | VE-30007768 | DIODE | | |
| D105 | VE-30007768 | DIODE | | |
| D106 | VE-30007758 | BRIDGE DIODE | | |
| D108 | VE-30001318 | DIODE | | |
| D109 | VE-30009699 | ZENER DIODE | | |
| D110 | VE-30001301 | DIODE | | |
| D111 | VE-30001299 | DIODE | | |
| D112 | VE-30001302 | DIODE | | |
| D113 | VE-30001302 | DIODE | | |
| D114 | VE-30001302 | DIODE | | |
| D115 | VE-30001285 | DIODE | | |
| D116 | VE-30007760 | ZENER DIODE | | |
| D117 | VE-30001285 | DIODE | | |
| D118 | VE-30007760 | ZENER DIODE | | |
| D119 | VE-30001284 | DIODE | | |
| D120 | VE-30001291 | DIODE | | |
| D121 | VE-30001318 | DIODE | | |
| D122 | VE-30001318 | DIODE | | |
| D123 | VE-30001285 | DIODE | | |

[AV-28BH88EN]

| △ | Symbol No. | Part No. | Part Name | Description |
|---|------------|----------|-----------|-------------|
|---|------------|----------|-----------|-------------|

DIODE

| | | | |
|------|-------------|-------------|--|
| D126 | VE-30001284 | DIODE | |
| D127 | VE-30001284 | DIODE | |
| D128 | VE-30001284 | DIODE | |
| D201 | VE-30001291 | DIODE | |
| D202 | VE-30001285 | DIODE | |
| D203 | VE-30007760 | ZENER DIODE | |
| D205 | VE-30007763 | ZENER DIODE | |
| D206 | VE-30007678 | DIODE | |
| D207 | VE-30007768 | DIODE | |
| D208 | VE-30001291 | DIODE | |
| D209 | VE-30001291 | DIODE | |
| D210 | VE-30001299 | DIODE | |
| D211 | VE-30001299 | DIODE | |
| D212 | VE-30001291 | DIODE | |
| D213 | VE-30001291 | DIODE | |
| D214 | VE-30007763 | ZENER DIODE | |
| D215 | VE-30007762 | ZENER DIODE | |
| D216 | VE-30001285 | DIODE | |
| D218 | VE-30001291 | DIODE | |
| D219 | VE-30001291 | DIODE | |
| D220 | VE-30001284 | DIODE | |
| D221 | VE-30001284 | DIODE | |
| D222 | VE-30001284 | DIODE | |
| D223 | VE-30001285 | DIODE | |
| D224 | VE-30001285 | DIODE | |
| D225 | VE-30001318 | DIODE | |
| D226 | VE-30007760 | ZENER DIODE | |
| D227 | VE-30001373 | ZENER DIODE | |
| D403 | VE-30001285 | DIODE | |
| D900 | VE-30012412 | ZENER DIODE | |

TRANSISTOR

| | | |
|------|-------------|----|
| Q101 | VE-30007801 | TR |
| Q103 | VE-30007802 | TR |
| Q104 | VE-30007798 | TR |
| Q105 | VE-30007798 | TR |
| Q106 | VE-30007802 | TR |
| Q107 | VE-30007798 | TR |
| Q108 | VE-30007798 | TR |
| Q109 | VE-30001457 | TR |
| Q110 | VE-30001457 | TR |
| Q112 | VE-30001454 | TR |
| Q113 | VE-30001428 | TR |
| Q201 | VE-30007802 | TR |
| Q202 | VE-30016686 | TR |
| Q203 | VE-30001458 | TR |
| Q204 | VE-30001458 | TR |
| Q205 | VE-30007799 | TR |
| Q206 | VE-30001457 | TR |
| Q207 | VE-30001457 | TR |
| Q208 | VE-30001455 | TR |
| Q403 | VE-30001457 | TR |
| Q408 | VE-30007800 | TR |
| Q415 | VE-30001457 | TR |
| Q801 | VE-30001457 | TR |
| Q802 | VE-30001457 | TR |
| Q900 | VE-30001458 | TR |
| Q901 | VE-30001457 | TR |
| Q902 | VE-30001457 | TR |
| Q903 | VE-30001457 | TR |
| Q904 | VE-30001457 | TR |
| Q905 | VE-30001457 | TR |
| Q906 | VE-30001457 | TR |
| Q907 | VE-30001457 | TR |
| Q908 | VE-30001457 | TR |
| Q909 | VE-30001458 | TR |
| Q910 | VE-30001457 | TR |
| Q911 | VE-30001457 | TR |

IC

| | | |
|---------|-------------|----|
| △ IC101 | VE-30007442 | IC |
| IC102 | VE-30015087 | IC |
| IC103 | VE-30001506 | IC |
| IC104 | VE-30007444 | IC |
| IC105 | VE-30001500 | IC |
| IC106 | VE-30001668 | IC |
| IC201 | VE-30007793 | IC |

| △ | Symbol No. | Part No. | Part Name | Description |
|---|------------|----------|-----------|-------------|
|---|------------|----------|-----------|-------------|

IC

| | | | |
|-------|-------------|---------|---------------------|
| IC202 | VE-30001506 | IC | |
| IC302 | VE-20105617 | IC | |
| IC304 | VE-20098889 | PR. IC. | (MEMORY) (MICOM) |
| IC401 | VE-30001495 | IC | |
| IC501 | VE-30009354 | IC | |
| IC802 | VE-30007794 | IC | |
| IC900 | VE-30013571 | IC | |

OTHERS

| | | | |
|--------|-------------|-------------|-----------------|
| △ F101 | VE-30001732 | FUSE | 3.15A 250V 5*20 |
| △ F102 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| △ F103 | VE-30009037 | FUSE | 6.3A 250V 5mm |
| △ L103 | VE-30006744 | LINE FILTER | 16MH |
| △ L104 | VE-30006744 | LINE FILTER | 16MH |
| RL2 | VE-30002183 | RELAY | |
| S133 | VE-30000575 | SMD RES. | 1/10W 2K J |
| T401 | VE-30001724 | SER. FILTER | |
| TU401 | VE-30009637 | TUNER | |
| VL401 | VE-30002037 | ADJ. COIL | |
| X900 | VE-30006662 | XTAL | |
| Z401 | VE-30001706 | SAW FILTER | |
| Z403 | VE-30001692 | SAW FILTER | |

MULTISOUND P.W. BOARD ASS'Y (VE-20103705)

Refer to PARTS LIST in page 10 for this P.W. board

FEATURE BOX P.W. BOARD ASS'Y (VE-20055386)

Refer to PARTS LIST in page 11 for this P.W. board

CRT SOCKET P.W. BOARD ASS'Y (VE-20086313)

Refer to PARTS LIST in page 13 for this P.W. board

**FRONT CONTROL P.W. BOARD ASS'Y
(VE-20082481)**

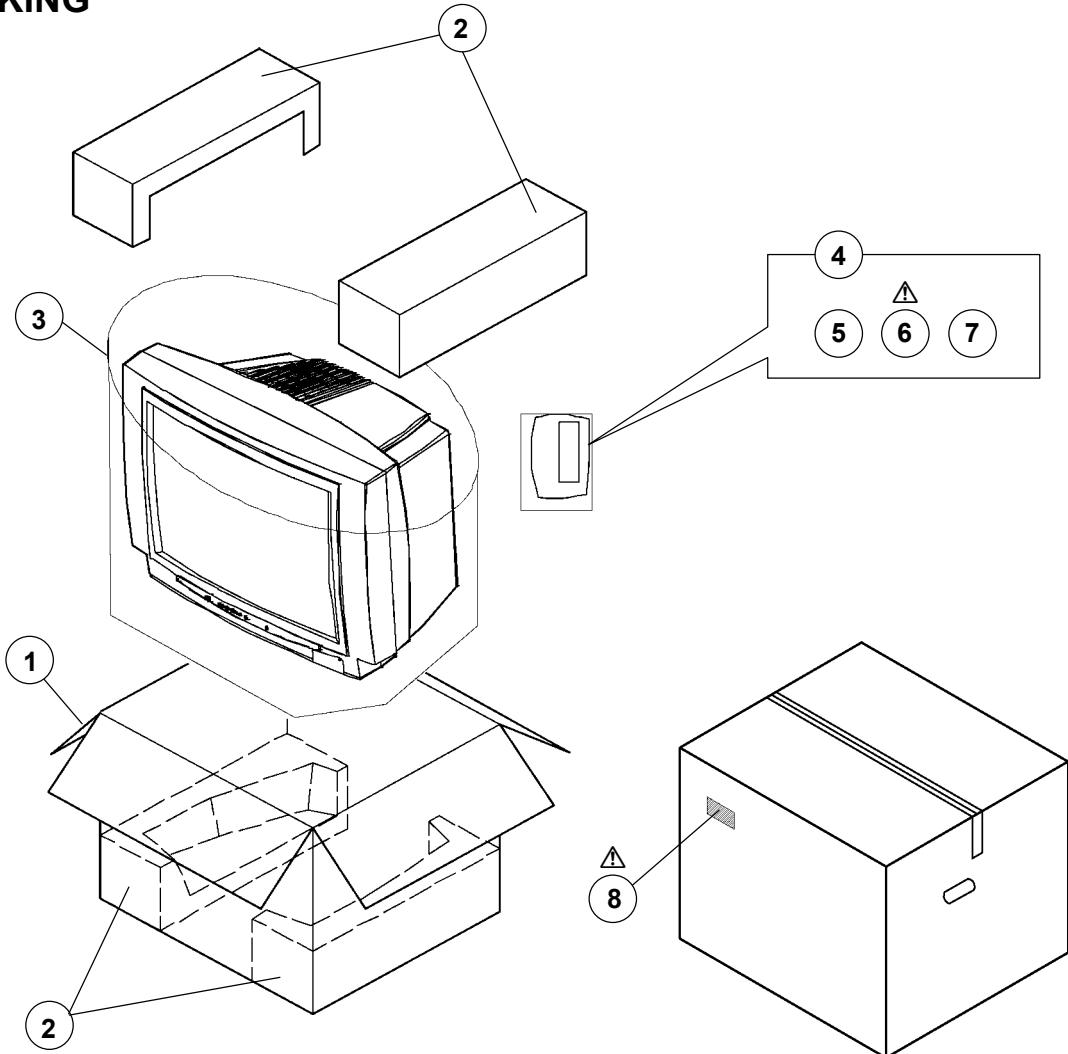
Refer to PARTS LIST in page 14 for this P.W. board

**FRONT AV & HEADPHONE P.W. BOARD ASS'Y
(VE-20083091)**

Refer to PARTS LIST in page 14 for this P.W. board

AV-28BH8ENS / AV-28BH8ENB
 AV-28BH8EPS / AV-28BH8EPB
 AV-28BH8EES / AV-28BH8EEB
 AV-28BH88EN

PACKING



PACKING PARTS LIST

| Ref. No. | Part No. | Part Name | Description |
|----------|--------------|----------------------|---------------------------|
| 1 | VE-50031251 | CARTON BOX | [AV-28BH8ENS] |
| 1 | VE-50030576 | CARTON BOX | [AV-28BH8ENS(for Italy)] |
| 1 | VE-50031318 | CARTON BOX | [AV-28BH8ENB] |
| 1 | VE-50030581 | CARTON BOX | [AV-28BH8EPS] |
| 1 | VE-50030579 | CARTON BOX | [AV-28BH8EPB] |
| 1 | VE-50031341 | CARTON BOX | [AV-28BH8EES] |
| 1 | VE-50030521 | CARTON BOX | [AV-28BH8EES(for Poland)] |
| 1 | VE-50031617 | CARTON BOX | [AV-28BH8EEB] |
| 1 | VE-50030519 | CARTON BOX | [AV-28BH8EEB(for Poland)] |
| 1 | VE-50028963 | CARTON BOX | [AV-28BH88EN] |
| 2 | VE-20081396 | CUSHION ASS'Y | 4 pcs in 1 set |
| 3 | VE-50020732 | POLY BAG (1400*1000) | |
| 4 | VE-70000587 | POLY BAG | |
| 5 | VE-30015781 | REMOTE CONTROL UNIT | [RM-C85] |
| 6 | VE-50030573 | INST BOOK | [AV-28BH8ENS/ENB] |
| 6 | VE-50030578 | INST BOOK | [AV-28BH8EPS/EPB] |
| 6 | VE-50030518 | INST BOOK | [AV-28BH8EES/EEB] |
| 6 | VE-50028965 | INST BOOK | [AV-28BH88EN] |
| 7 | BT-54013-2TK | WARRANTY CARD | |
| 8 | VE-20109955 | LABEL | [AV-28BH8ENS] |
| 8 | VE-20107839 | LABEL | [AV-28BH8ENS(for Italy)] |
| 8 | VE-20109962 | LABEL | [AV-28BH8ENB] |
| 8 | VE-20107846 | LABEL | [AV-28BH8EPS] |
| 8 | VE-20107843 | LABEL | [AV-28BH8EPB] |
| 8 | VE-20110102 | LABEL | [AV-28BH8EES] |
| 8 | VE-20107830 | LABEL | [AV-28BH8EES(for Poland)] |
| 8 | VE-20110867 | LABEL | [AV-28BH8EEB] |
| 8 | VE-20107826 | LABEL | [AV-28BH8EEB(for Poland)] |
| 8 | VE-20103714 | LABEL | [AV-28BH88EN] |



JVC

VICTOR COMPANY OF JAPAN, LIMITED

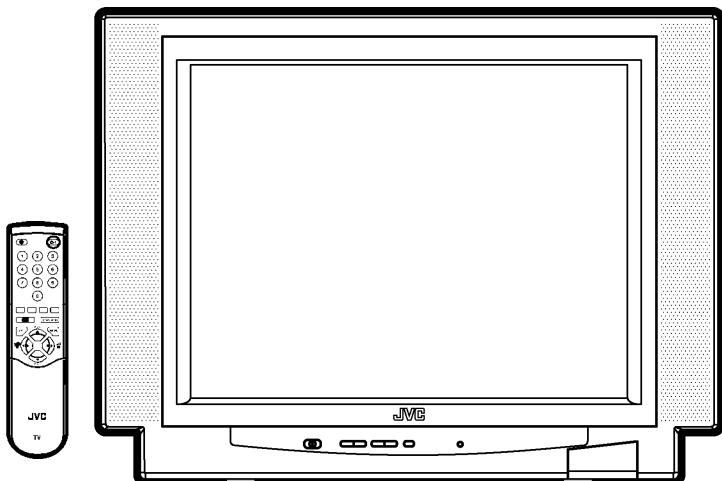
HOME AV NETWORK BUSINESS UNIT 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama, Kanagawa-prefecture, 221-8528, Japan

JVC

SERVICE MANUAL

COLOUR TELEVISION

**AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB**



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AV28BH7ENS / AV28BH7ENB
 AV28BH7EPS / AV28BH7EPB
 AV28BH7EES / AV28BH7EEB

SPECIFICATIONS

| Item | Content | | | | |
|------------------------------|--|---|--|--|--|
| | AV28BH7ENS AV28BH7ENB | AV28BH7EPS AV28BH7EPB | AV28BH7EES AV28BH7EEB | | |
| Dimensions (W x H x D) | 77cm x 58cm x 48cm | | | | |
| Mass | 33.2 kg | | | | |
| TV RF System | B/G | B/G, L/L' | B/G, D/K, K1 | | |
| Colour System | TV Mode | PAL | PAL / SECAM | | |
| | Video Mode | PAL / NTSC 3.58 / NTSC 4.43 | PAL / SECAM / NTSC 3.58 / NTSC 4.43 | | |
| Teletext System | FLOF(Fastext) / TOP | | | | |
| Stereo System | A2 / NICAM | | | | |
| Tuning System | Frequency Synthesizer Tuning System | | | | |
| Number of CH Memory Position | 200 ch | | | | |
| Receiving Frequency | VHF (VL) | 46.25MHz ~ 168.25MHz | | | |
| | VHF (VH) | 175.25MHz ~ 463.25MHz | | | |
| | UHF | 471.25MHz ~ 863.25MHz | | | |
| | CATV | S1-S20 & S21-S41 & S75-S79 | B/G : S01-S41 / S75-S79 L : S01-S41 / S75-S77 D/K : S01-S41 | | |
| Intermediate Frequency | VIF Carrier | 38.9MHz | | | |
| | SIF Carrier | 32.4MHz (6.5MHz) | | | |
| | | 32.9MHz (6.0MHz) | | | |
| | | 33.4MHz (5.5MHz) | | | |
| Colour Sub Carrier Frequency | PAL (4.43MHz), SECAM (4.43MHz), NTSC (3.58MHz/4.43MHz) | | | | |
| Aerial Input Terminal | 75 Ohm Unbalanced | | | | |
| Power Input | AC 220V ~ 240V, 50Hz | | | | |
| Power Consumption | 175W (Max.) / 130W (Avg.) | | | | |
| Picture Tube | 28 inch measured diagonally | | | | |
| High Voltage | 29.5kV (in cut-off service mode) | | | | |
| Speaker | 57 x 160 mm ellipse type x2 + Tweeter x2 | | | | |
| Audio Output | 12W + 12W | | | | |
| Input | Video | 1V(p-p), 75 Ohm | | | |
| | Audio (L/R) | 500mV(rms), High Impedance | | | |
| Output | Video | 1V(p-p), 75 Ohm | | | |
| | Audio (L/R) | 500mV(rms), Low Impedance | | | |
| Input Terminal | Rear Side | EXT 1 (Video/Audio/RGB) | | | |
| | | EXT 2 (Video/Audio/S-VHS) | | | |
| | Front Side | F AV (Video/Audio) | | | |
| Output Terminal | Front Side | Headphone jack (Stereo mini jack, 3.5mmØ) | | | |
| | | EXT 1 (Video/Audio) | | | |
| | Rear Side | EXT 2 (Video/Audio) (Selected TV, AV1 or AV3) | | | |
| Remote Control Unit | VE-30015781 (RM-C85), Battery size:AAA/R03 x 2 | | | | |

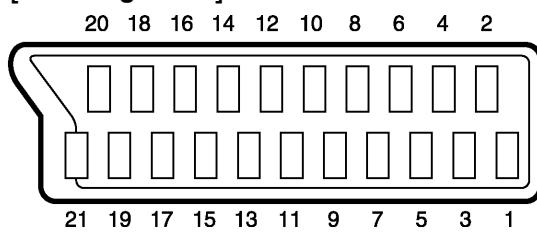
Design & specifications are subject to change without notice.

■ 21-pin Euro connector (SCART socket) : EXT 1 / EXT 2

(P-P= Peak to Peak, S-W= Sync tip to white peak, B-W= Blanking to white peak)

| Pin No. | Signal Designation | Matching Value | EXT 1 | EXT 2 |
|---------|-----------------------|--|--------------------------------|-------------------------------------|
| 1 | AUDIO R output | 500mVrms(Nominal),Low impedance | <input type="radio"/> (TV OUT) | <input type="radio"/> (TV/LINE OUT) |
| 2 | AUDIO R input | 500mVrms(Nominal),High impedance | <input type="radio"/> | <input type="radio"/> |
| 3 | AUDIO L output | 500mVrms(Nominal),Low impedance | <input type="radio"/> (TV OUT) | <input type="radio"/> (TV/LINE OUT) |
| 4 | AUDIO GND | | <input type="radio"/> | <input type="radio"/> |
| 5 | GND (B) | | <input type="radio"/> | <input type="radio"/> |
| 6 | AUDIO L input | 500mVrms(Nominal), High impedance | <input type="radio"/> | <input type="radio"/> |
| 7 | B input | 700mVB-W, 75Ω | <input type="radio"/> | NC |
| 8 | FUNCTION SW (SLOW SW) | Low : 0-3V, High : 8-12V, High impedance | <input type="radio"/> | NC |
| 9 | GND (G) | | <input type="radio"/> | <input type="radio"/> |
| 10 | - | | NC | - |
| 11 | G input | 700mVB-W, 75Ω | <input type="radio"/> | NC |
| 12 | - | | NC | - |
| 13 | GND (R) | | <input type="radio"/> | <input type="radio"/> |
| 14 | GND (YS) | | <input type="radio"/> | NC |
| 15 | R / C input | R : 700mVB-w, 75Ω C : 300mVP-P, 75Ω | <input type="radio"/> (R/C) | <input type="radio"/> (only C) |
| 16 | Ys input | Low : 0 – 0.4, High : 1 - 3V, 75Ω | <input type="radio"/> | NC |
| 17 | GND(VIDEO output) | | <input type="radio"/> | <input type="radio"/> |
| 18 | GND(VIDEO input) | | <input type="radio"/> | <input type="radio"/> |
| 19 | VIDEO output | 1Vsw (Negative going sync), 75Ω | <input type="radio"/> (TV) | <input type="radio"/> (TV/LINE OUT) |
| 20 | VIDEO / Y input | 1Vsw (Negative going sync), 75Ω | <input type="radio"/> | <input type="radio"/> |
| 21 | COMMON GND | | <input type="radio"/> | <input type="radio"/> |

[Pin assignment]



SAFETY PRECAUTIONS

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
4. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
 Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE side GND, the ISOLATED(NEUTRAL) side GND and EARTH side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
 If above note will not be kept, a fuse or any parts will be broken.
5. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a $10k\Omega$ 2W resistor to the anode button.
8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

9. Isolation Check

(Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.

(.... Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

This method of test requires a test equipment not generally found in the service trade.

(2) Leakage Current Check

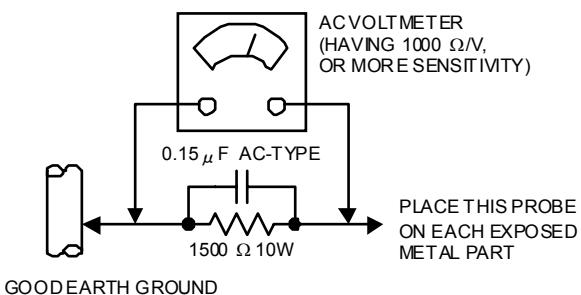
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

● Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a $0.15\mu F$ AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



FEATURES

1. It is a remote controlled color television.
2. 200 programs from VHF, UHF bands or cable channels can be preset.
3. It can tune cable channels.
4. Controlling the TV is very easy by its menu driven system.
5. It has two Euro connector sockets for external device (such as video recorder, video games, audio set, etc.)
6. Front AV Input available.
7. Stereo sound systems (A2 + NICAM) are available.
8. Full function Teletext (Fastext, TOP).
9. It is possible to connect headphone.
10. Direct channel access.
11. APS (Automatic Programming System).
12. All programs can be named.
13. Forward or backward automatic tuning.
14. Automatic sound mute when no transmission.
15. 5 minutes after the broadcasting (closedown), the TV switches itself automatically to stand-by mode.

MAIN DIFFERENCE LIST

| Parts Name \ MODEL No. | AV28BH7ENS (Silver) | AV28BH7ENB (Black) | AV28BH7EPS (Silver) | AV28BH7EPB (Black) | AV28BH7EES (Silver) | AV28BH7EEB (Black) |
|------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|
| MAIN PWB | VE-20084580 | ← | VE-20084599 | ← | VE-20084594 | ← |
| INST BOOK | VE-50023325 | ← | VE-50023329 | ← | VE-50023332 | ← |
| FRONT CABINET | VE-20086394 | VE-20086395 | VE-20086394 | VE-20086395 | VE-20086394 | VE-20086395 |
| FRONT AV DOOR | VE-20069219 | VE-20086314 | VE-20069219 | VE-20086314 | VE-20069219 | VE-20086314 |
| BACK COVER | VE-20084616 | VE-20069018 | VE-20084616 | VE-20069018 | VE-20084616 | VE-20069018 |
| BACK DOOR | VE-20087523 | VE-20040684 | VE-20087523 | VE-20040684 | VE-20087523 | VE-20040684 |
| BUTTON ON/OFF | VE-20083491 | VE-20069016 | VE-20083491 | VE-20069016 | VE-20083491 | VE-20069016 |
| BUTTON ASS'Y | VE-20083490 | VE-20081484 | VE-20083490 | VE-20081484 | VE-20083490 | VE-20081484 |
| BASE | VE-20078582 | VE-20081578 | VE-20078582 | VE-20081578 | VE-20078582 | VE-20081578 |
| SHASSIS FRAME | VE-20004005 | VE-20040575 | VE-20004005 | VE-20040575 | VE-20004005 | VE-20040575 |
| LOGO JVC | VE-40009154 | VE-40009152 | VE-40009154 | VE-40009152 | VE-40009154 | VE-40009152 |

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SPECIFIC SERVICE INSTRUCTIONS

DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

1. Remove the **8** screws marked **A**.
2. Remove the **4** screws marked **B**.
3. Withdraw the rear cover toward you.

REMOVING THE MAIN PWB

- After removing the rear cover.

1. Draw out back and remove the MAIN PWB ASS'Y,

NOTES

Be careful enough when developing a main chassis.
The wire of a POWER TRANSFER does not separate and short-circuit with other parts.

REMOVING THE FRONT AV + HEADPHONE JACK PWB

- After removing the rear cover.

1. Remove the **2** screws marked **C**, and remove the FRONT AV + HEADPHONE JACK PWB.

REMOVING THE FRONT CONTROL PWB

- After removing the rear cover.

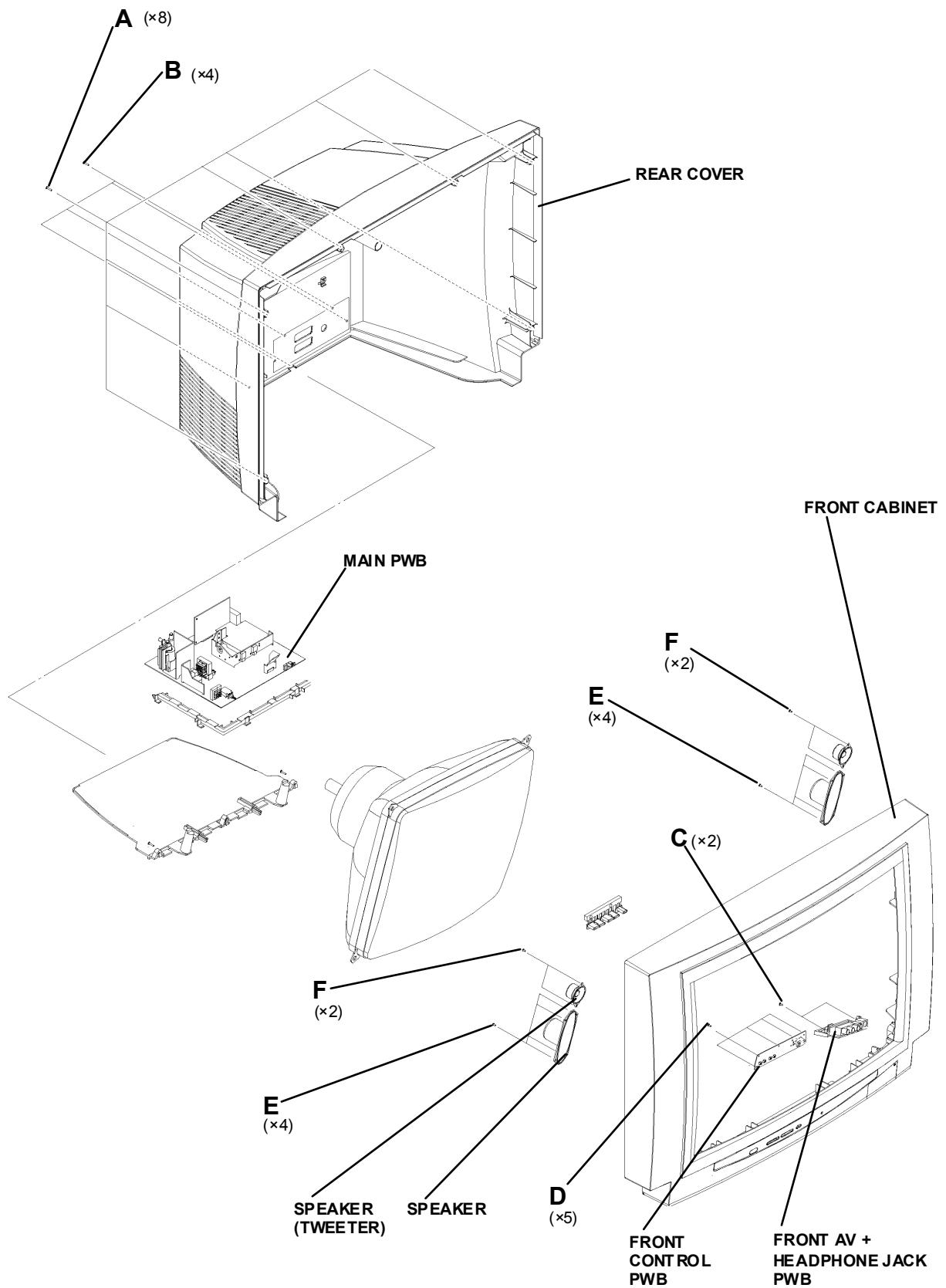
1. Remove the MAIN PWB ASS'Y.
2. Remove the **5** screws marked **D**, and remove the FRONT CONTROL PWB.

REMOVING THE SPEAKER

- After removing the rear cover.

1. Remove the **4** screws marked **E**, and remove the SPEAKER.
2. Remove the **2** screws marked **F**, and remove the TWEETER SPEAKER.
3. Remove an opposite side similarly.

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SETTING OF THE LAST MEMORY FOR SHIPMENT

■ USER SETTING VALUES

| Setting Item | Setting Value | Setting Item | Setting Value |
|-----------------|---|---------------------------|---------------|
| SOUND MENU | | FEATURE MENU | |
| BASS | CENTER | SLEEP TIMER | OFF |
| TREBLE | ↑ | CHILD LOCK | OFF |
| BALANCE | ↑ | EXT-2 OUTPUT | TV |
| EFFECT | OFF | | |
| PICTURE MENU | | INSTALL → TV CONFIG. MENU | |
| BRIGHTNESS | These adjust are automatically restored when APS bit in Service menu is set. The procedure for setting APS bit is described below. | LANGUAGE | ENGLISH |
| COLOUR | | COUNTRY | Other |
| CONTRAST | | | |
| SHARPNESS | | | |
| HUE (only NTSC) | | | |
| PICTURE MODE | AUTO | | |

■ SETTING APS “ON” IN SERVICE MENU

- 1) Enter service menu in TV mode by pressing “INFO” and “MUTE” keys simultaneously. Service Menu will appear.
- 2) Select VIDEO by pressing “GREEN” key on remote controller.
- 3) Choose APS item by pressing Up/Down keys on remote controller.
- 4) Change the value to “ON” by pressing Left/Right keys on remote controller.
- 5) Store the change by pressing “INFO” button.
- 6) Exit service mode by pressing “STANDARD” key on remote control.

SERVICE ADJUSTMENTS

ADJUSTMENT PREPARATION

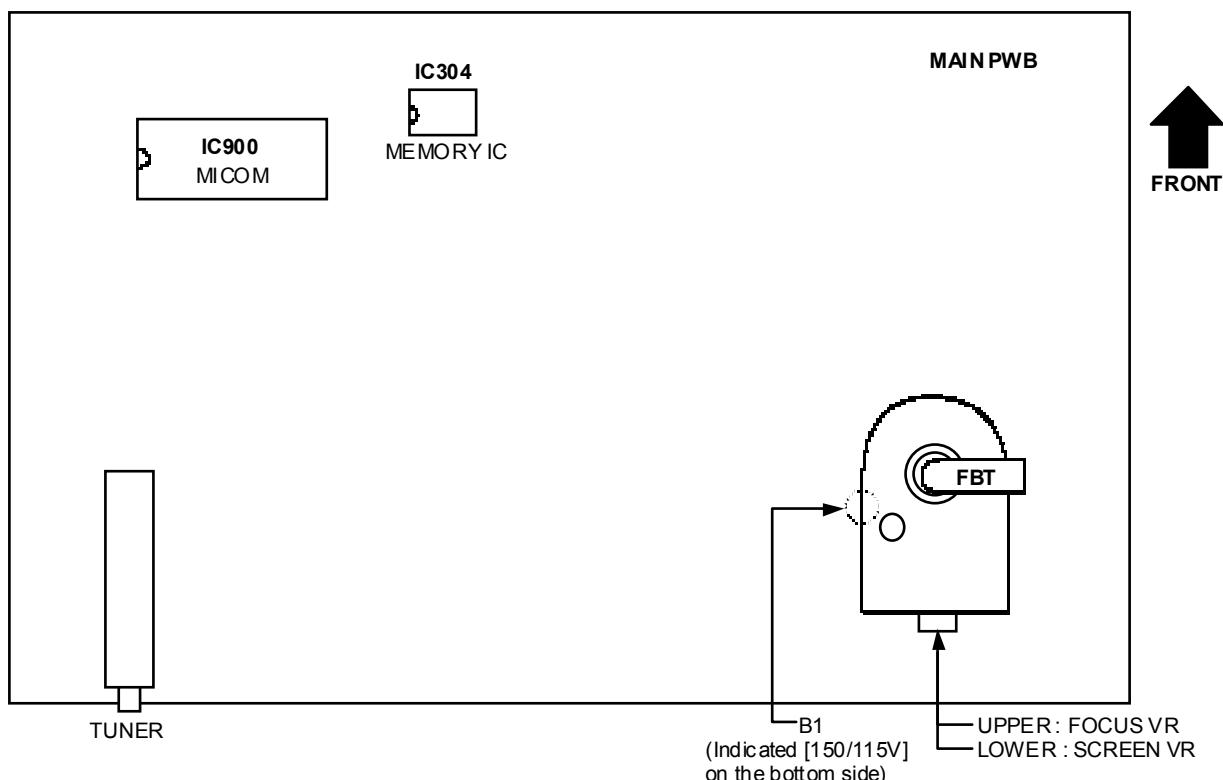
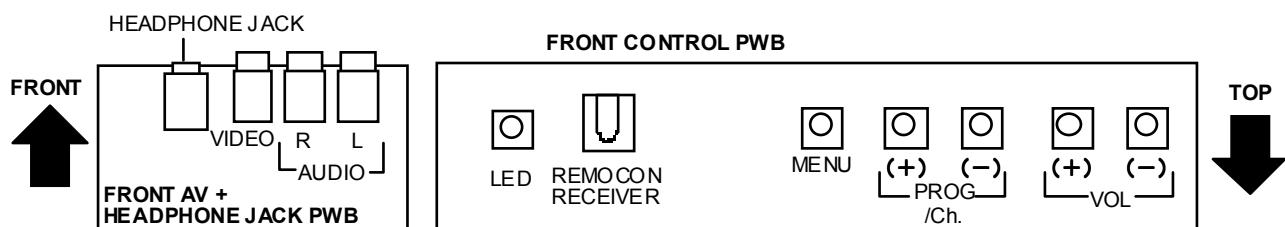
1. You can make the necessary adjustments for this unit with either the Remote Control Unit or With the adjustment tools and parts as given below.
2. Adjustment with the Remote Control Unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.
3. Make sure that AC power is turned on correctly.
4. Turn on the power for set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
5. Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
6. Never touch any adjustment parts which are not specified in the list for this adjustment - variable resistors, transformers, condensers, etc.
7. Presetting before adjustment.
 Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit:

| | |
|------------------|----------|
| VIDEO STATUS | STANDARD |
| TINT / COLOUR | |
| PICTURE / BRIGHT | CENTER |
| DETAIL | |

ADJUSTMENT EQUIPMENT

1. DC voltmeter (or digital voltmeter)
2. Signal generator (Pattern generator) [PAL/SECAM/NTSC]
3. Remote control unit

MAIN PARTS LOCATIONS



BASIC OPERATION SERVICE MENU

■ HOW TO ENTER THE SERVICE MODE

- 1) Press the **INFORMATION** key and **MUTING** key of REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig.1 will be displayed.

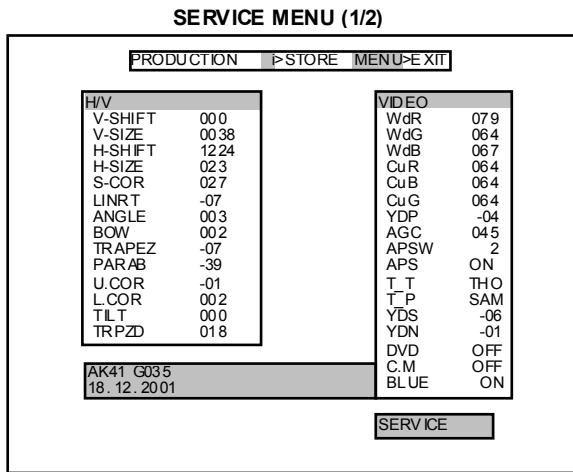


Fig.1

- 2) While the Fig.1 is displayed, press the **BLUE** key for access to the SERVICE MENU (2/2) (Fig.2).

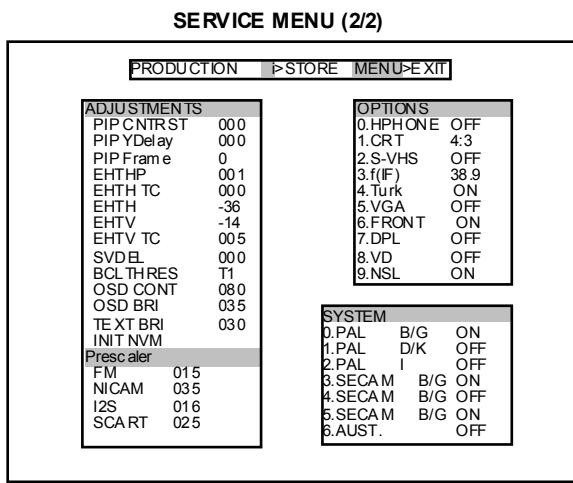
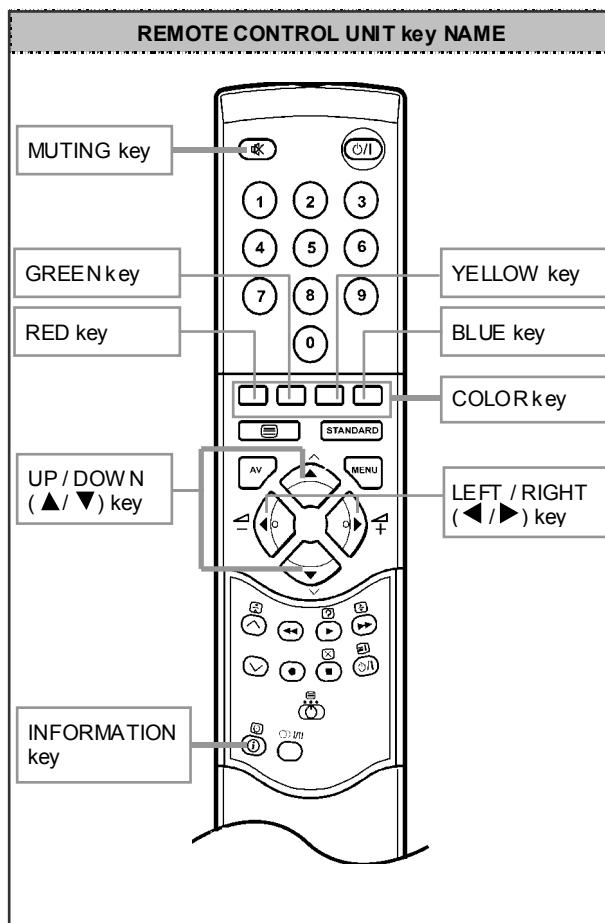


Fig.2

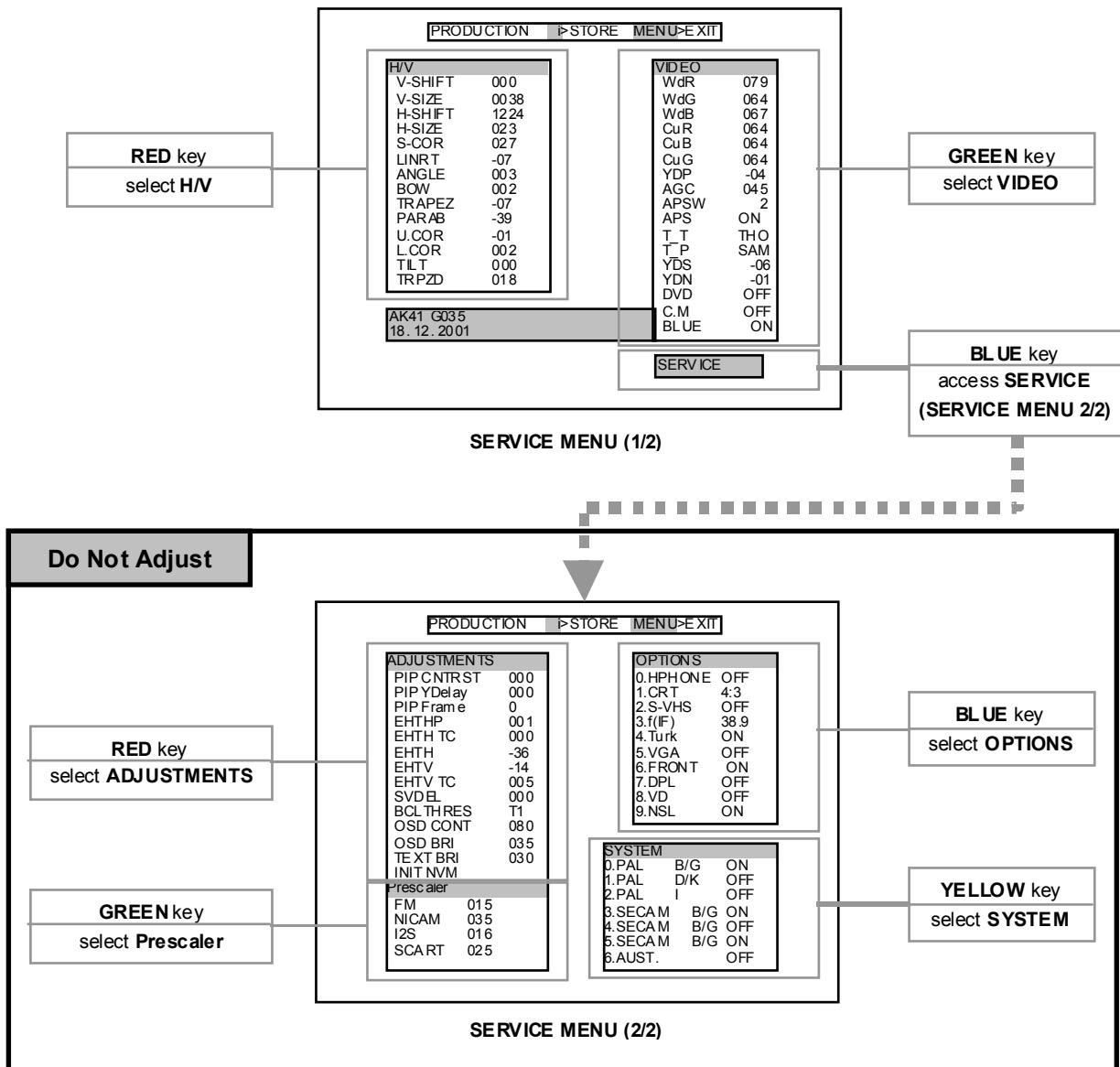
■ HOW TO EXIT SERVICE MODE

- 1) Press the **MENU** Key on REMOTE CONTROL UNIT.



■ SELECTION OF ADJUSTMENT ITEMS

- 1) Press the **COLOR** key and select the service menu section.
- 2) Select the ADJUST Item, use **UP (▲)** / **DOWN (▼)** key of remote control unit.
- 3) To change the selected parameter, use **LEFT (◀)** and **RIGHT (▶)** key.
- 4) Press the **INFORMATION** key to STORE.



■ HOW TO EXIT SERVICE MODE

- 1) Press the **MENU** Key on REMOTE CONTROL UNIT.

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■ ADJUSTMENT SERVICE MENU & INITIAL SETTING VALUE

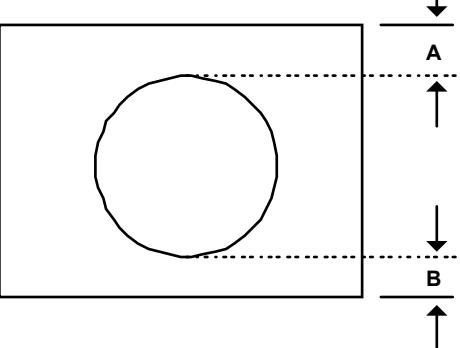
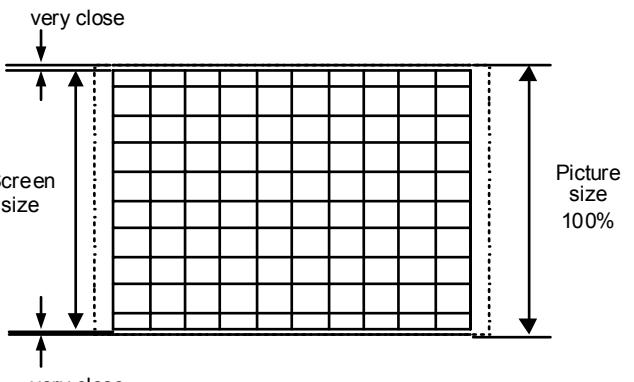
| | ADJUSTMENT ITEM | DESCRIPTION | INITIAL VALUE |
|-------|-----------------|---|---------------|
| H/V | V-SHIFT | VERTICAL SHIFT CORRECTION | 000 |
| | V-SIZE | VERTICAL SIZE CORRECTION | 0038 |
| | H-SHIFT | HORIZONTAL SHIFT CORRECTION | 1224 |
| | H-SIZE | HORIZONTAL SHIFT CORRECTION | 023 |
| | S-COR | S-CORRECTION | 027 |
| | LINRT | LINEARITY CORRECTION | -07 |
| | ANGLE | ANGLE CORRECTION | 003 |
| | BOW | BOW CORRECTION | 002 |
| | TRAPEZ | TRAPEZIUM CORRECTION | -07 |
| | PARAB | PARABOLA CORRECTION | -39 |
| | U.COR | UPPER PART CORRECTION | -01 |
| | L.COR | LOWER CORRECTION | 002 |
| | TILT | TILT CORRECTION | 000 |
| | TRPZD | TRAPEZOID CORRECTION | 018 |
| VIDEO | WdR | White Balance Adjustment | 079 |
| | WdG | White Balance Adjustment | 064 |
| | WdB | White Balance Adjustment | 067 |
| | CuR | Colour Cut -off Levels | 064 |
| | CuB | Colour Cut -off Levels | 064 |
| | CuG | Colour Cut -off Levels | 064 |
| | YDP | Y-delay PAL | -04 |
| | AGC | Automatic Gain Control | 045 |
| | APSW | APS Wait Time | 2 |
| | APS | Automatic Program Sort | ON |
| | T_T | Set the main tuner type | THO |
| | T_P | Set the PIP tuner | SAM |
| | YDS | Y-delay SECAM | -06 |
| | YDN | Y-delay NTSC | -01 |
| | DVD | If the TV set has DVD player, this option is set ON. | OFF |
| | C.M | This option toggles the Carrier Mute function. If set ON, the sound is muted if the sound carrier is shifter over 1MHz. | OFF |
| | BLUE | If this option is set ON, the screen is covered with blue background when there is no video signal and between channel changes. | ON |

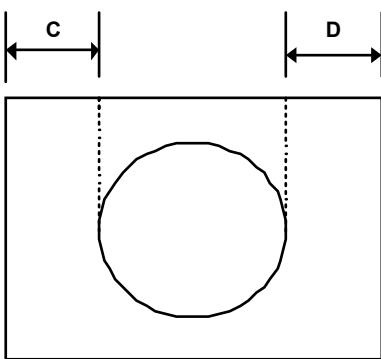
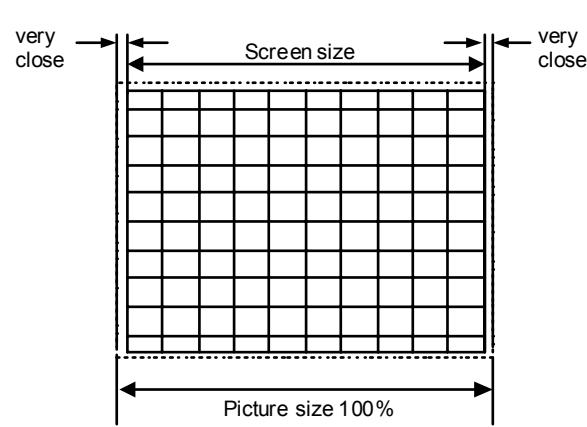
■ ADJUSTMENT SERVICE MENU & INITIAL SETTING VALUE (Do not Adjust)

| ADJUSTMENT GROUP | ADJUSTMENT ITEM | DESCRIPTION | INITIAL VALUE |
|------------------|-----------------|---|--|
| ADJUST MENTS | PIP CNTRST | Adjust the contrast of the picture inside the PIP window. | 000 |
| | PIP Y Delay | Adjust the luminance delay (with respect to colour) of the picture inside the PIP window. | 000 |
| | PIP Frame | Decides the colour and shape of the boarder around the PIP window. | 0 |
| | EHTHP | EHT compensation coefficient for horizontal phase. | 001 |
| | EHTH TC | EHT time constant for horizontal phase compensation. | 000 |
| | EHTH | EHT compensation coefficient for horizontal amplitude ($\pm 100\%$). | -36 |
| | EHTV | EHT compensation coefficient for vertical amplitude ($\pm 25\%$). | -14 |
| | EHTV TC | Time constant for control of vertical and horizontal amplitude EHT compensation. | 005 |
| | SVDEL | Delay of SVMOUT in steps of 12.5 ns. (7=SVMOUT vs. RGBOUT is 60ns) | 000 |
| | BCL THRES | Beam current limit threshold adjustment. (select T1 for 28 inch 4:3 tube) | T1 |
| | OSD CONT | This item is used to set the OSD and Teletext Contrast. | 080 |
| | OSD BRI | This item is used to set the OSD Brightness. | 035 |
| | TEXT BRI | This item is used to set the Teletext Brightness. | 030 |
| | INIT NVM | Select to initialize the EEPROM to the factory defaults. | |
| Prescaler | FM | Defines the FM stereo prescale value for sound output power. | 015 |
| | NICAM | Defines the NICAM stereo prescale value for sound output power. | 035 |
| | I2S | Defines the I2S prescale value. | 016 |
| | SCART | Defines the SCART sound output prescale value. | 025 |
| OPTIONS | 0.HPHONE | Switched headphone | OFF |
| | 1.CRT | This item is used to select the tube. It can be set to 4:3 or 16:9. | 4:3 |
| | 2.S-VHS | If the TV set has an S-VHS interface this item is set ON. | OFF |
| | 3.f(IF) | This value should be 38.9 (contrast) | 38.9 |
| | 4.Turk | Turkish menu language is visible when set ON. | ON |
| | 5.VGA | This item should always be OFF. | OFF |
| | 6.FRONT | If the TV set has a Front AV interface this item is set ON. | ON |
| | 7.DPL | If the TV set has a Dolby ProLogic sound system, this item is set ON. | OFF |
| | 8.VD | If the TV set has a Virtual Dolby sound system, this item is set ON. | OFF |
| SYSTEM | 9.NSL | When set ON, sharpness range on the picture is increased. | ON |
| | 0.PAL B/G | Defines whether PAL BG stand is available or not. | ON |
| | 1.PAL D/K | Defines whether PAL DK standard is available or not. | OFF (ENS,ENB) OFF (EPS,EPB) ON (EES,EEB) |
| | 2.PAL I | Defines whether PAL I standard is available or not. | OFF |
| | 3.SECAM B/G | Defines whether SECAM BG standard is available or not. | ON |
| | 4.SECAM D/K | Defines whether SECAM DK standard is available or not. | OFF |
| | 5.SECAM L/L' | Defines whether SECAM LL' standard is available or not. | OFF (ENS,ENB) ON (EPS,EPB) OFF (EES,EEB) |
| | 6.AUST. | When set ON, Australia channel table becomes available. | OFF |

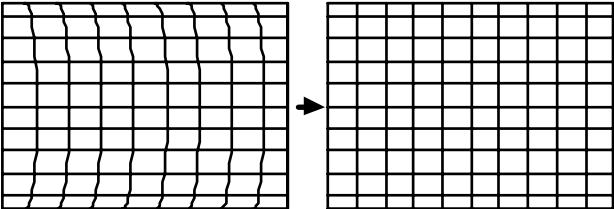
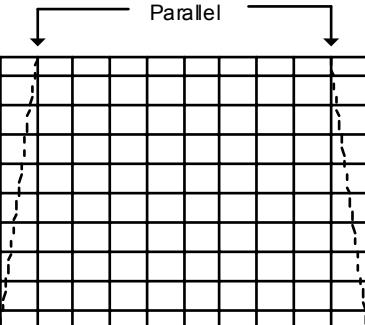
ADJUSTMENTS

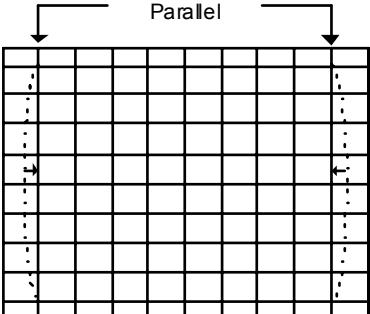
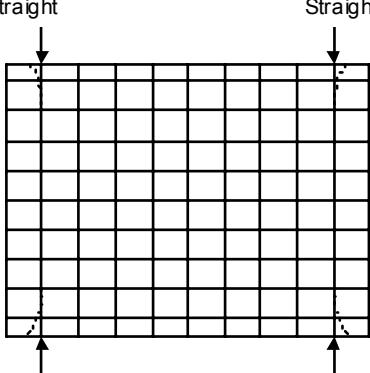
■ DEFLECTION CIRCUIT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|--------------------|---|------------|-----------------|---|
| AGC adjustment | Signal generator Remote control unit | | AGC | <ol style="list-style-type: none"> Receive a PAL BG signal at 60dB μ V RF signal level. Select AGC with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. Adjust AGC by pressing with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till voltage at pin9 of PL202 is equal to 3.0V. Press the MENU key and memorize the set value. |
| V-SHIFT adjustment | Signal generator Remote control unit | | V-SHIFT | <ol style="list-style-type: none"> Receive a circle pattern signal of vertical frequency 50Hz. Select V-SHIFT with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. Adjust V-SHIFT with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key to make A = B. Check and readjust V-SHIFT item if the adjustment becomes improper after some other geometric adjustments are done. Press the INFORMATION key and memorize the set value.  |
| V-SIZE adjustment | Signal generator | | V-SIZE | <ol style="list-style-type: none"> Receive a cross-hatch signal. Select V-SIZE with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. Adjust V-SIZE with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key until horizontal black lines on both the upper and lower part of the cross-hatch pattern become very close to the upper and lower horizontal sides of picture size and nearly about to disappear. Check and readjust V-SIZE item if the adjustment becomes improper after some other geometric adjustments are done. Press the INFORMATION key and memorize the set value.  |

| Item | Measuring instruments | Test point | Adjustment part | Description |
|--------------------|---|------------|-----------------|---|
| H-SHIFT adjustment | Signal generator Remote control unit | | H-SHIFT | <ol style="list-style-type: none"> 1. Receive a circle pattern signal. 2. Select H-SHIFT with the UP/DOWN (Δ/∇) key. 3. Adjust H-SHIFT with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key to make $C=D$. 4. Check and readjust H-SHIFT item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value.  |
| H-SIZE adjustment | Signal generator Remote control unit | | H-SIZE | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select H-SIZE with the UP/DOWN (Δ/∇) key. 3. Adjust H-SIZE with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till vertical lines on both the left and right part of the cross-hatch will be visible nor screen will be so wide. 4. Check and readjust H-SIZE item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value.  |

| Item | Measuring instruments | Test point | Adjustment part | Description |
|---|---|------------|--------------------|---|
| V. S-CORRECT. & LINEARITY adjustment | Signal generator Remote control unit | | S-COR LINRT | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select S-COR with the UP/DOWN (Δ/∇) key. 3. Adjust S-COR with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till the size of squares on both the upper and lower part of cross-hatch pattern become equal to the square laying on the vertical center of the cross-hatch pattern. 4. Check and readjust S-COR item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value 6. Select LINRT with the UP/DOWN (Δ/∇) key. 7. Adjust LINRT with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till all the size of squares of the cross-hatch pattern become in equal size from the top of the screen to its bottom of the whole screen. 8. Check and readjust LINRT item if the adjustment becomes improper after some other geometric adjustments (especially after than S-COR adjustment) are done. 9. Press the INFORMATION key and memorize the set value. |
| ANGLE adjustment | Signal generator Remote control unit | | ANGLE | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select ANGLE with the UP/DOWN (Δ/∇) key. 3. Adjust ANGLE with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till the vertical lines of the crosshatch pattern become straight. 4. Check and readjust ANGLE item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value. |

| Item | Measuring instruments | Test point | Adjustment part | Description |
|----------------------|---|------------|-----------------|---|
| BOW adjustment | Signal generator Remote control unit | | BOW | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select BOW with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. 3. Adjust BOW with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key and the vertical line straight. 4. Check and readjust BOW item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value. <p>NOTE In case where there is a bow-shaped distortion of images on the screen. (Figure)</p>  |
| TRAPEZIUM adjustment | Signal generator Remote control unit | | TRAPEZ | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select TRAPEZ with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. 3. Adjust TRAPEZ with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till vertical lines, especially lines at the sides of the picture frame became parallel to the both sides of picture tube as close as possible. 4. Check and readjust TRAPEZ item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value. <p>Parallel</p>  |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---------------------|---|------------|--------------------|--|
| SIDE PIN adjustment | Signal generator Remote control unit | | PARAB | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select PARAB with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. 3. Adjust PARAB with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till vertical lines close to the both sides of the picture frame become parallel to vertical sides of picture tube without any bending to left or to right side of the screen. 4. Check and readjust PARAB item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value.  |
| CORNER adjustment | Signal generator Remote control unit | | U.COR L.COR | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select U.COR with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. 3. Adjust U.COR with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till vertical lines at the upper corners of the picture frame become vertical and parallel to vertical corner sides of picture tube. 4. Check and readjust U.COR item if the adjustment becomes improper after some other geometric adjustments are done. 5. Press the INFORMATION key and memorize the set value. 6. Select L.COR with the UP/DOWN ($\blacktriangle/\blacktriangledown$) key. 7. Adjust L.COR with the LEFT/RIGHT ($\blacktriangleleft/\blacktriangleright$) key till vertical lines at the lower corners of the picture frame become vertical and parallel to vertical corner sides of picture tube. 8. Check and readjust L.COR item if the adjustment becomes improper after some other geometric adjustments are done.  |

■ VIDEO CIRCUIT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|--------------------------------|---|------------|-------------------|---|
| WHITE BALANCE adjustment | Signal generator Remote control unit | | WdR WdG WdB | <ol style="list-style-type: none"> 1. Receive a black & white signal. 2. Select WdR, WdG and WdB with the UP/DOWN (▲/▼) key. 3. Adjust WdR, WdG and WdB with the LEFT/RIGHT (◀/▶) key. 4. Press the MENU key and memorize the set value. |
| COLOUR CUTOFF LEVEL adjustment | Signal generator Remote control unit | | CuR CuG CuB | <ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. Select CuR, CuG and CuB with the UP/DOWN (▲/▼) key. 3. Adjust CuR, CuG and CuB with the LEFT/RIGHT (◀/▶) key and set the values of these items as 64 (constant). 4. Press the MENU key and memorize the set value. |
| PAL Y DELAY adjustment | Signal generator Remote control unit | | YDP | <ol style="list-style-type: none"> 1. Receive a PAL COLOUR BAR. 2. Select YDP with the UP/DOWN (▲/▼) key. 3. Adjust YDP by pressing with the LEFT/RIGHT (◀/▶) key till the colour transients on the colour bar pattern becomes as sharper and possible as colours between transients do not mix with each other. 4. Press the MENU key and memorize the set value. |
| SECAM Y DELAY adjustment | Signal generator Remote control unit | | YDS | <ol style="list-style-type: none"> 1. Receive a SECAM COLOUR BAR test pattern. 2. Select YDS with the UP/DOWN (▲/▼) key. 3. Adjust YDS by pressing with the LEFT/RIGHT (◀/▶) key till the colour transients on the colour bar pattern becomes as sharper and possible as colours between transients do not mix with each other. 4. Press the MENU key and memorize the set value. 5. |
| NTSC Y DELAY adjustment | Signal generator Remote control unit | | YDN | <ol style="list-style-type: none"> 1. Receive a NTSC COLOUR BAR test pattern from an external source (e.g. EXT 1). 2. Select YDN with the UP/DOWN (▲/▼) key. 3. Adjust YDN by pressing with the LEFT/RIGHT (◀/▶) key till the colour transients on the colour bar pattern becomes as sharper and possible as colours between transients do not mix with each other. 4. Press the MENU key and memorize the set value. |

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[MEMO]

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USING PW BOARD & REMOTE CONTROL UNIT

| PWB ASS'Y | Model | AV28BH7ENS AV28BH7ENB | AV28BH7EPS AV28BH7EPB | AV28BH7EES AV28BH7EEB |
|-------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| MAIN PWB | VE-20084580 | VE-20084599 | VE-20084594 | |
| MULTISOUND PWB | VE-30017302 | ← | ← | |
| FEATURE BOX PWB | VE-30013755 | ← | ← | |
| CRT SOCKET PWB | VE-30017303 | ← | ← | |
| FRONT CONTROL PWB | VE-30017014 | ← | ← | |
| FRONT AV + HEADPHONE JACK PWB | VE-30016761 | ← | ← | |
| REMOTE CONTROL UNIT | VE-30015781 (RM-C85) | ← | ← | |

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EXPLODED VIEW PARTS LIST

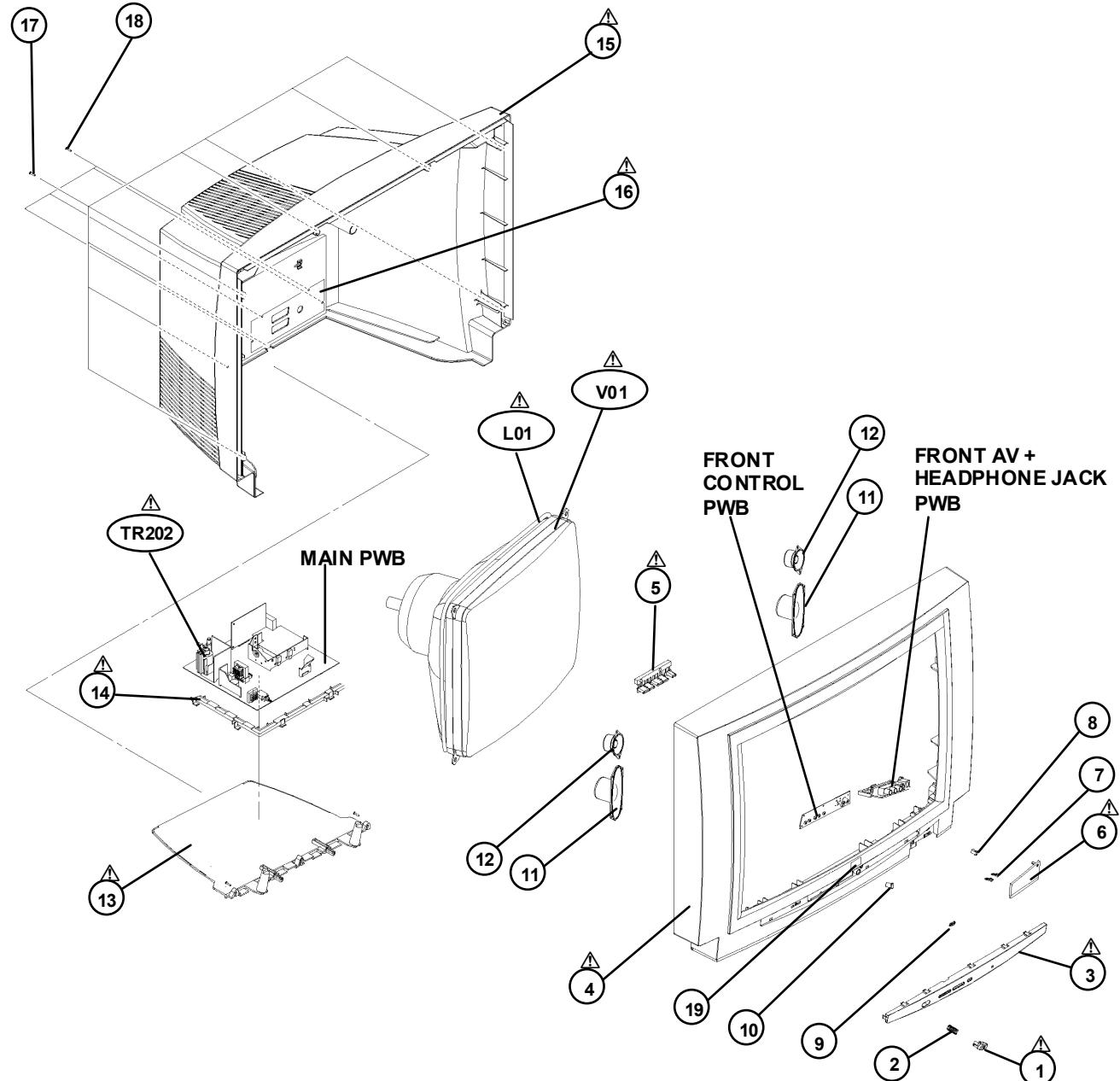
[SILVER model : AV28BH7ENS, AV28BH7EES, AV28BH7EPS]

| △ Ref.No. | Part No. | Part Name | Description |
|-----------|-------------|---------------------------|-------------|
| △ V01 | VE-30002754 | PICTURE TUBE (ITC) | |
| △ L01 | VE-30002728 | DEG.COIL & EARTH | |
| △ TR202 | VE-30016922 | FBT TRF (within MAIN PWB) | |
| △ 1 | VE-20083491 | BUTTON ON/OFF | |
| △ 2 | VE-35004544 | SPRING | |
| △ 3 | VE-20069017 | FRONT PANEL (LENS) | |
| △ 4 | VE-20086394 | FRONT CABINET | |
| △ 5 | VE-20083490 | BUTTON ASSY | |
| △ 6 | VE-20069219 | FRONT AV DOOR | |
| 7 | VE-20003605 | PIN (FRONT AV DOOR) (X2) | |
| 8 | VE-40000026 | EJECTOR | |
| 9 | VE-20078776 | LENS LED | |
| 10 | VE-20004339 | LENS PRE-AMP | |
| 11 | VE-30001946 | SPEAKER (57x160mm) (X2) | |
| 12 | VE-30001947 | TWEETER (CLOSED) (X2) | |
| △ 13 | VE-20078582 | BASE | |
| △ 14 | VE-20004005 | SHASSIS FRAME | |
| △ 15 | VE-20084616 | BACK COVER | |
| △ 16 | VE-20087523 | BACK DOOR | |
| 17 | VE-35000216 | SCREW (X8) | |
| 18 | VE-35000214 | SCREW (X4) | |
| 19 | VE-40009154 | LOGO JVC | |

[BLACK model : AV28BH7ENB, AV28BH7EEB, AV28BH7EPB]

| △ Ref.No. | Part No. | Part Name | Description |
|-----------|-------------|---------------------------|-------------|
| △ V01 | VE-30002754 | PICTURE TUBE (ITC) | |
| △ L01 | VE-30002728 | DEG.COIL & EARTH | |
| △ TR202 | VE-30016922 | FBT TRF (within MAIN PWB) | |
| △ 1 | VE-20069016 | BUTTON ON/OFF | |
| △ 2 | VE-35004544 | SPRING | |
| △ 3 | VE-20069218 | FRONT PANEL (LENS) | |
| △ 4 | VE-20086395 | FRONT CABINET | |
| △ 5 | VE-20081484 | BUTTON ASSY | |
| △ 6 | VE-20086314 | FRONT AV DOOR | |
| 7 | VE-20003605 | PIN (FRONT AV DOOR) (X2) | |
| 8 | VE-40000026 | EJECTOR | |
| 9 | VE-20078776 | LENS LED | |
| 10 | VE-20004339 | LENS PRE-AMP | |
| 11 | VE-30001946 | SPEAKER (57x160mm) (X2) | |
| 12 | VE-30001947 | TWEETER (CLOSED) (X2) | |
| △ 13 | VE-20081578 | BASE | |
| △ 14 | VE-20040575 | SHASSIS FRAME | |
| △ 15 | VE-20069018 | BACK COVER | |
| △ 16 | VE-20040684 | BACK DOOR | |
| 17 | VE-35000216 | SCREW (X8) | |
| 18 | VE-35000214 | SCREW (X4) | |
| 19 | VE-40009152 | LOGO JVC | |

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

[AV28BH7ENS / AV28BH7ENB]

MAIN P.W. BOARD ASS'Y (VE-20084580)

| Symbol No. | Part No. | Part Name | Description | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|-----------|---------------|------------|-------------|-----------|--------------|
| RESISTOR | | | | | | | |
| R101 | VE-30000668 | SMD RES. | 1/10W 33K J | R245 | VE-30000466 | CF RES. | 1/4W 1K J |
| R102 | VE-30007782 | MF RES. | 1/4W 3.9M F | R246 | VE-30000752 | CF RES. | 1/4W 56K J |
| R103 | VE-30000855 | MF RES. | 1/4W 1M F | R250 | VE-30000477 | CF RES. | 1/4W 100K J |
| R104 | VE-30000668 | SMD RES. | 1/10W 33K J | R251 | VE-30000477 | CF RES. | 1/4W 100K J |
| R105 | VE-30000452 | CF RES. | 1/4W 10R J | R252 | VE-30000789 | SMD RES. | 1/10W 27K F |
| R106 | VE-30000664 | SMD RES. | 1/10W 3.3K J | R254 | VE-30000636 | SMD RES. | 1/10W 27K J |
| R107 | VE-30007019 | SMD RES. | 1/10W 10K F | R255 | VE-30001134 | MO RES. | 2W 2.2R J |
| R108 | VE-30007784 | MO RES. | 5W 33K J | R256 | VE-30001100 | MO RES. | 1W 150R J |
| R109 | VE-30001270 | PTC | 9 OHM | R257 | VE-30001173 | MO RES. | 1W 0.47R J |
| R110 | VE-30001171 | MO RES. | 2W 4.7K J | R260 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R111 | VE-30001257 | MG RES. | 1/2W 4.7M J | R261 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R112 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R262 | VE-30001237 | FUSE RES. | 1/2W 3.3R J |
| R113 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R264 | VE-30001077 | MO RES. | 2W 10R J |
| R120 | VE-30000814 | SMD RES. | 1/10W 820R J | R270 | VE-30000541 | CF RES. | 1/4W 1.5M J |
| R122 | VE-30000469 | SMD RES. | 1/10W 1K J | R271 | VE-30000744 | CF RES. | 1/4W 560R J |
| R123 | VE-30000469 | SMD RES. | 1/10W 1K J | R272 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R124 | VE-30000480 | SMD RES. | 1/10W 100K J | R280 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R125 | VE-30000927 | MF RES. | 1/4W 220K J | R281 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R126 | VE-30000664 | SMD RES. | 1/10W 3.3K J | R318 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R127 | VE-30000469 | SMD RES. | 1/10W 1K J | R322 | VE-30000594 | CF RES. | 1/4W 22K J |
| R128 | VE-30000536 | CF RES. | 1/4W 150K J | R323 | VE-30000459 | CF RES. | 1/4W 100R J |
| R129 | VE-30007019 | SMD RES. | 1/10W 10K F | R324 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R130 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R327 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R134 | VE-30000469 | SMD RES. | 1/10W 1K J | R360 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R135 | VE-30007790 | SMD RES. | 1/10W 4.3K F | R361 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R136 | VE-30000774 | SMD RES. | 1/10W 680R J | R362 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R137 | VE-30007021 | SMD RES. | 1/10W 1K F | R363 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R138 | VE-30007786 | SMD RES. | 1/10W 2.55K F | R364 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R139 | VE-30000774 | SMD RES. | 1/10W 680R J | R365 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R140 | VE-30000459 | CF RES. | 1/4W 100R J | R366 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R141 | VE-30000475 | SMD RES. | 1/10W 10K J | R367 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R142 | VE-30000475 | SMD RES. | 1/10W 10K J | R368 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R143 | VE-30007021 | SMD RES. | 1/10W 1K F | R369 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R144 | VE-30007788 | SMD RES. | 1/10W 2.7K F | R370 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R145 | VE-30000732 | SMD RES. | 1/10W 470K J | R371 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R146 | VE-30000469 | SMD RES. | 1/10W 1K J | R372 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R148 | VE-30014023 | FUSE RES. | 1/2W 0.1R J | R373 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R149 | VE-30007204 | MF RES. | 1/2W 1.5M F | R374 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R150 | VE-30007783 | FUSE RES. | 1/4W 2.2R J | R375 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R151 | VE-30014023 | FUSE RES. | 1/2W 0.1R J | R376 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R152 | VE-30000659 | SMD RES. | 1/10W 330R J | R378 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R153 | VE-30012649 | SMD RES. | 1/10W 150R J | R379 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R154 | VE-30012984 | SMD RES. | 1/10W 91R J | R380 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R155 | VE-30000712 | CF RES. | 1/4W 470R J | R381 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R156 | VE-30001089 | MO RES. | 2W 1R J | R382 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R157 | VE-30000534 | SMD RES. | 1/10W 15K J | R383 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R158 | VE-30000475 | SMD RES. | 1/10W 10K J | R384 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R159 | VE-30000480 | SMD RES. | 1/10W 100K J | R385 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R160 | VE-30006923 | SMD RES. | 1/10W 4.3K J | R397 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R202 | VE-30007779 | MO RES. | 5W 47R J | R398 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R203 | VE-30000534 | SMD RES. | 1/10W 15K J | R411 | VE-30000747 | SMD RES. | 1/10W 560R J |
| R205 | VE-30001004 | MF RES. | 1/2W 0.56R J | R412 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R206 | VE-30001079 | MO RES. | 1W 100R J | R413 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R210 | VE-30000583 | CF RES. | 1/4W 220R J | R414 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R211 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R415 | VE-30000517 | SMD RES. | 1/10W 15R J |
| R212 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R416 | VE-30000717 | SMD RES. | 1/10W 470R J |
| R213 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R421 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| R214 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R422 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R215 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R424 | VE-30000701 | SMD RES. | 1/10W 1K F |
| R216 | VE-30000631 | SMD RES. | 1/10W 2.7K J | R425 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R217 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R428 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R220 | VE-30000590 | CF RES. | 1/4W 2.2K J | R429 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R225 | VE-30001086 | MO RES. | 2W 10R J | R436 | VE-30000735 | SMD RES. | 1/10W 4.7R J |
| R226 | VE-30001168 | MO RES. | 2W 470R J | R440 | VE-30000614 | SMD RES. | 1/10W 2.4K J |
| R227 | VE-30000469 | SMD RES. | 1/10W 1K J | R441 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R228 | VE-30000475 | SMD RES. | 1/10W 10K J | R445 | VE-30000814 | SMD RES. | 1/10W 820R J |
| R229 | VE-30000727 | SMD RES. | 1/10W 47K J | R475 | VE-30000524 | SMD RES. | 1/10W 150R J |
| R230 | VE-30000902 | MF RES. | 1/4W 1.8K F | R480 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R231 | VE-30001229 | FUSE RES. | 1W 2.2R J | R490 | VE-30000466 | CF RES. | 1/4W 1K J |
| R232 | VE-30000477 | CF RES. | 1/4W 100K J | R492 | VE-30000503 | SMD RES. | 1/10W 12K J |
| R233 | VE-30001244 | FUSE RES. | 0.47R 1/2W J | R506 | VE-30012695 | SMD RES. | 1/10W 470R J |
| R234 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R509 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R235 | VE-30000668 | SMD RES. | 1/10W 33K J | R510 | VE-30007021 | SMD RES. | 1/10W 1K F |
| R236 | VE-30000718 | CF RES. | 1/4W 4.7K J | R511 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R237 | VE-30001244 | FUSE RES. | 0.47R 1/2W J | R512 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R238 | VE-30000729 | CF RES. | 1/4W 470K J | R513 | VE-30000457 | SMD RES. | 1/10W 10R J |
| R239 | VE-30001089 | MO RES. | 2W 1R J | R518 | VE-30000735 | SMD RES. | 1/10W 4.7R J |
| R240 | VE-30000469 | SMD RES. | 1/10W 1K J | R801 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R241 | VE-30000818 | SMD RES. | 1/10W 8.2K J | R802 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R242 | VE-30000784 | CF RES. | 1/4W 680K J | R803 | VE-30000628 | CF RES. | 1/4W 2.7K J |

[AV28BH7ENS / AV28BH7ENB]

| ▲ Symbol No. | Part No. | Part Name | Description | ▲ Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|-----------|--------------|--------------|-------------|-----------|------------------|
| RESISTOR | | | | | | | |
| R804 | VE-30000475 | SMD RES. | 1/10W 10K J | C107 | VE-30000263 | SMD CAP. | 56PF 50V J |
| R805 | VE-30000534 | SMD RES. | 1/10W 15K J | C108 | VE-30000123 | PP CAP. | 33NF 630V K |
| R806 | VE-30000531 | CF RES. | 1/4W 15K J | C109 | VE-30000159 | MKP CAP. | 4.7NF 1.6KV J |
| R807 | VE-30000567 | SMD RES. | 1/10W 18K J | C110 | VE-30000208 | C CAP. | 470PF 1KV K |
| R808 | VE-30000734 | CF RES. | 1/4W 4.7R J | C111 | VE-30000131 | MKP CAP. | 100NF 250V J |
| R809 | VE-30000717 | SMD RES. | 1/10W 470R J | ▲ C112 | VE-30000094 | MKT CAP. | 220NF AC275V M |
| R810 | VE-30000564 | CF RES. | 1/4W 18K J | C114 | VE-30000353 | EL CAP. | 100UF 25V M |
| R811 | VE-30000717 | SMD RES. | 1/10W 470R J | ▲ C115 | VE-30007858 | MKT CAP. | 470NF AC275V M |
| R812 | VE-30000734 | CF RES. | 1/4W 4.7R J | ▲ C118 | VE-30007755 | MKT CAP. | 680NF AC275V M |
| R813 | VE-30000475 | SMD RES. | 1/10W 10K J | C119 | VE-30007754 | MKP CAP. | 1UF 400V |
| R819 | VE-30000734 | CF RES. | 1/4W 4.7R J | C120 | VE-30007753 | MKP CAP. | 1NF 1KV |
| R820 | VE-30000734 | CF RES. | 1/4W 4.7R J | C121 | VE-30013690 | EL CAP. | 220UF 450V M |
| R900 | VE-30012641 | SMD RES. | 1/10W 10K J | ▲ C122 | VE-30000447 | C CAP. | 4.7NF 4KV M E |
| R901 | VE-30012641 | SMD RES. | 1/10W 10K J | C124 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R902 | VE-30012641 | SMD RES. | 1/10W 10K J | C125 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R903 | VE-30000718 | CF RES. | 1/4W 4.7K J | C130 | VE-30007708 | C CAP. | 1NF 1KV K |
| R904 | VE-30000718 | CF RES. | 1/4W 4.7K J | C131 | VE-30006909 | EL CAP. | 100UF M 250V |
| R905 | VE-30000723 | CF RES. | 1/4W 47K J | C132 | VE-30007750 | EL CAP. | 470UF 35V |
| R906 | VE-30012696 | SMD RES. | 1/10W 47K J | C133 | VE-30000409 | EL CAP. | 470UF 25V M |
| R907 | VE-30012679 | SMD RES. | 1/10W 3.9K J | C134 | VE-30007750 | EL CAP. | 470UF 35V |
| R908 | VE-30012679 | SMD RES. | 1/10W 3.9K J | C135 | VE-30007748 | EL CAP. | 1000UF 35V M |
| R909 | VE-30000531 | CF RES. | 1/4W 15K J | C136 | VE-30007748 | EL CAP. | 1000UF 35V M |
| R910 | VE-30000531 | CF RES. | 1/4W 15K J | C137 | VE-3000284 | SMD CAP. | 1NF 50V K R |
| R911 | VE-30012641 | SMD RES. | 1/10W 10K J | C138 | VE-30000224 | SMD CAP. | 220PF 50V J |
| R912 | VE-30000471 | CF RES. | 1/4W 10K J | C139 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R913 | VE-30012641 | SMD RES. | 1/10W 10K J | C140 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R914 | VE-30000471 | CF RES. | 1/4W 10K J | C141 | VE-30000352 | EL CAP. | 1000UF 16V M |
| R915 | VE-30000471 | CF RES. | 1/4W 10K J | C142 | VE-30000294 | SMD CAP. | 1000UF 50V K |
| R916 | VE-30012695 | SMD RES. | 1/10W 470R J | C143 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R917 | VE-30012987 | SMD RES. | 1/10W 56R J | C144 | VE-30000352 | EL CAP. | 100UF 16V M |
| R918 | VE-30012692 | SMD RES. | 1/10W 4.7K J | C145 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| R919 | VE-30012657 | SMD RES. | 1/10W 1K J | C146 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R920 | VE-30012657 | SMD RES. | 1/10W 1K J | C147 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R921 | VE-30012657 | SMD RES. | 1/10W 1K J | C148 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R922 | VE-30012657 | SMD RES. | 1/10W 1K J | C149 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R923 | VE-30012657 | SMD RES. | 1/10W 1K J | C150 | VE-30000352 | EL CAP. | 100UF 16V M |
| R924 | VE-30012696 | SMD RES. | 1/10W 47K J | C151 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R925 | VE-30012696 | SMD RES. | 1/10W 47K J | C160 | VE-30007081 | EL CAP. | 4.7UF 50V M |
| R926 | VE-30012696 | SMD RES. | 1/10W 47K J | C161 | VE-30007308 | C CAP. | 220PF 1KV K |
| R927 | VE-30012696 | SMD RES. | 1/10W 47K J | C162 | VE-30007308 | C CAP. | 220PF 1KV K |
| R928 | VE-30012510 | SMD RES. | 1/10W 100R J | C163 | VE-30009208 | C CAP. | 470PF 1KV K |
| R929 | VE-30012510 | SMD RES. | 1/10W 100R J | C165 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| R930 | VE-30012641 | SMD RES. | 1/10W 10K J | C166 | VE-30000400 | EL CAP. | 47UF 50V M |
| R931 | VE-30012641 | SMD RES. | 1/10W 10K J | C167 | VE-30009208 | C CAP. | 470PF 1KV K |
| R932 | VE-30012641 | SMD RES. | 1/10W 10K J | C168 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R933 | VE-30000718 | CF RES. | 1/4W 4.7K J | C170 | VE-30000352 | EL CAP. | 100UF 16V M |
| R934 | VE-30012692 | SMD RES. | 1/10W 4.7K J | C171 | VE-30000352 | EL CAP. | 100UF 16V M |
| R935 | VE-30012662 | SMD RES. | 1/10W 2.7K J | C172 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| R936 | VE-30000718 | CF RES. | 1/4W 4.7K J | C173 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R937 | VE-30000459 | CF RES. | 1/4W 100R J | C201 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R938 | VE-30012509 | SMD RES. | 1/10W 100K J | C202 | VE-30000106 | MKT CAP. | 47NF 100V J |
| R939 | VE-30012692 | SMD RES. | 1/10W 4.7K J | C203 | VE-30000099 | MKT CAP. | 33NF 63V J |
| R940 | VE-30000500 | CF RES. | 1/4W 12K J | C204 | VE-30000345 | EL CAP. | 10UF 50V M |
| R941 | VE-30000588 | SMD RES. | 1/10W 220R J | C206 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R942 | VE-30000588 | SMD RES. | 1/10W 220R J | C207 | VE-30000362 | EL CAP. | 1UF 50V M |
| R943 | VE-30000471 | CF RES. | 1/4W 10K J | C208 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R944 | VE-30012641 | SMD RES. | 1/10W 10K J | C209 | VE-30000224 | SMD CAP. | 220PF 50V J |
| R945 | VE-30000471 | CF RES. | 1/4W 10K J | C210 | VE-30000149 | MKP CAP. | 2.7NF 2KV 3.5% |
| R946 | VE-30012657 | SMD RES. | 1/10W 1K J | C211 | VE-30000179 | MKP CAP. | 9.1NF 1600V 3.5% |
| R950 | VE-30012657 | SMD RES. | 1/10W 1K J | C212 | VE-30000137 | MKP CAP. | 15NF 630V J |
| R951 | VE-30012657 | SMD RES. | 1/10W 1K J | C213 | VE-30007215 | MKP CAP. | 1.2UF 250V J |
| R952 | VE-30012657 | SMD RES. | 1/10W 1K J | C214 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R953 | VE-30000466 | CF RES. | 1/4W 1K J | C215 | VE-30000166 | MKP CAP. | 560NF 250V J |
| R955 | VE-30012657 | SMD RES. | 1/10W 1K J | C216 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R956 | VE-30012510 | SMD RES. | 1/10W 100R J | C222 | VE-30000431 | C CAP. | 100PF 1KV M |
| R957 | VE-30012655 | SMD RES. | 1/10W 180R J | C223 | VE-30000351 | EL CAP. | 10UF 350V M |
| R958 | VE-30014022 | SMD RES. | 1/10W 47R J | C225 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R959 | VE-30000466 | CF RES. | 1/4W 1K J | C226 | VE-30000356 | EL CAP. | 1000UF 63V M |
| R960 | VE-30000471 | CF RES. | 1/4W 10K J | C228 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R961 | VE-30000718 | CF RES. | 1/4W 4.7K J | C232 | VE-30000225 | C CAP. | 220PF 50V J |
| R964 | VE-30012641 | SMD RES. | 1/10W 10K J | C240 | VE-30000400 | EL CAP. | 47UF 50V M |
| R965 | VE-30012657 | SMD RES. | 1/10W 1K J | C250 | VE-30000304 | SMD CAP. | 1.8NF 50V K R |
| R966 | VE-30012641 | SMD RES. | 1/10W 10K J | C251 | VE-30000359 | EL CAP. | 1000UF 16V M |
| CAPACITOR | | | | | | | |
| C100 | VE-3000098 | MKT CAP. | 3.3NF 63V J | C252 | VE-30000289 | SMD CAP. | 10NF 50V K R |
| C101 | VE-30000371 | EL CAP. | 220UF 50V M | C253 | VE-30000294 | SMD CAP. | 10NF 50V K |
| C102 | VE-30000294 | SMD CAP. | 100NF 50V K | C254 | VE-30000360 | EL CAP. | 1000UF 25V M |
| C103 | VE-30000294 | SMD CAP. | 100NF 50V K | C255 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C104 | VE-30012323 | MKT CAP. | 1NF 100V J | C256 | VE-30000092 | MKT CAP. | 220NF 63V J |
| C105 | VE-30000284 | SMD CAP. | 1NF 50V K R | C257 | VE-30000304 | SMD CAP. | 1.8NF 50V K R |
| C106 | VE-30000332 | SMD CAP. | 4.7NF 50V K | C258 | VE-30000322 | SMD CAP. | 3.3NF 50V K |

[AV28BH7ENS / AV28BH7ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|----------------|-------------|
| CAPACITOR | | | | |
| C324 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C333 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C402 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C403 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C404 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C405 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C406 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C407 | VE-30000312 | SMD CAP. | 22NF 50V K | |
| C408 | VE-30000371 | EL CAP. | 22U 50V M | |
| C409 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C410 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C411 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C412 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C413 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C414 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C417 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C418 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C419 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C427 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C428 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C440 | VE-30000400 | EL CAP. | 47UF 50V M | |
| C441 | VE-30000220 | SMD CAP. | 22PF 50V J | |
| C442 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C443 | VE-30013411 | SMD CAP. | 180PF 50V J | |
| C450 | VE-30000345 | EL CAP. | 10U 50V M | |
| C451 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C453 | VE-30000355 | EL CAP. | 100WF 50V M | |
| C454 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C455 | VE-30000345 | EL CAP. | 10U 50V M | |
| C456 | VE-30000352 | EL CAP. | 100WF 16V M | |
| C457 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C468 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C478 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C492 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C497 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C498 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C499 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C500 | VE-30000352 | EL CAP. | 10WF 16V M | |
| C505 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C506 | VE-30000345 | EL CAP. | 10U 50V M | |
| C509 | VE-30000186 | SMD CAP. | 10PF 50V D | |
| C510 | VE-30000186 | SMD CAP. | 10PF 50V D | |
| C511 | VE-30000341 | SMD CAP. | 68NF 50V K | |
| C610 | VE-3000074 | MKT CAP. | 100NF 63V J | |
| C801 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C802 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C803 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C804 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C805 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C806 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C807 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C808 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C809 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C819 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C820 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C821 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C822 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C900 | VE-30000371 | EL CAP. | 22U 50V M | |
| C901 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C902 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C903 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C904 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C905 | VE-30000371 | EL CAP. | 22U 50V M | |
| C906 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C907 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C908 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C909 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C910 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C911 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C912 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C913 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C914 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C915 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C931 | VE-30000257 | C CAP. | 470PF 50V J SL | |
| C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |

| △ | Symbol No. | Part No. | Part Name | Description |
|----------------|-------------|--------------------|-----------------------|-------------|
| TRANS F | | | | |
| △ | TR101 | VE-30016819 | SMPS TRF | |
| △ | TR201 | VE-30006743 | HORIZONTAL DRIVER TRF | |
| △ | TR202 | VE-30016922 | FBT TRF | |
| COIL | | | | |
| L101 | VE-30006712 | FERRITE BEAD | | |
| L102 | VE-30007775 | PFC COIL | 1MH 1KHZ 2A | |
| △ | L103 | VE-30006744 | LINE FILTER | 16MH |
| △ | L104 | VE-30006744 | LINE FILTER | 16MH |
| L106 | VE-30006712 | FERRITE BEAD | | |
| L107 | VE-3001960 | FERIT BAR | | |
| L108 | VE-3001960 | FERIT BAR | | |
| L109 | VE-3001960 | FERIT BAR | | |
| L201 | VE-30007771 | FIXED COIL | 100UH | |
| L202 | VE-30007757 | COIL INJECTION EW | 6MH | |
| L203 | VE-30007770 | FILTER COIL | 1MH | |
| L204 | VE-30012271 | LINEARTY COIL | 4.3UH | |
| L205 | VE-30007756 | BRIDGE COIL | 150UH 32KHZ | |
| L206 | VE-30006712 | FERRITE BEAD | | |
| L207 | VE-30006712 | FERRITE BEAD | | |
| L304 | VE-3001992 | FIXED COIL | 10UH Q65 K-A | |
| L401 | VE-3001986 | FIXED COIL | 3.3UH Q65 K | |
| L403 | VE-3001979 | FIXED COIL | 1UH Q45 M-A | |
| L405 | VE-3001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L420 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L421 | VE-3001992 | FIXED COIL | 10UH Q65 K-A | |
| L422 | VE-3001994 | FIXED COIL | 22UH J AXIAL | |
| L423 | VE-3001994 | FIXED COIL | 22UH J AXIAL | |
| L425 | VE-3001971 | FERRITE BEAD | | |
| L801 | VE-30002170 | COIL FTZ/RAD | | |
| L802 | VE-30002170 | COIL FTZ/RAD | | |
| L900 | VE-3001992 | FIXED COIL | 10UH Q65 K-A | |
| L901 | VE-3001992 | FIXED COIL | 10UH Q65 K-A | |
| L902 | VE-3001992 | FIXED COIL | 10UH Q65 K-A | |
| L903 | VE-3001992 | FIXED COIL | 10UH Q65 K-A | |
| L904 | VE-3001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L905 | VE-3001984 | FIXED COIL | 2.2UH Q55 M-A | |
| L906 | VE-30002171 | CHOKE PEAKING COIL | 22UH K | |
| DIODE | | | | |
| D101 | VE-30001285 | DIODE | | |
| D102 | VE-30001291 | DIODE | | |
| D103 | VE-30007768 | DIODE | | |
| D104 | VE-30007768 | DIODE | | |
| D105 | VE-30007768 | DIODE | | |
| D106 | VE-30007758 | BRIDGE DIODE | | |
| D108 | VE-30001318 | DIODE | | |
| D109 | VE-30009699 | ZENER DIODE | | |
| D110 | VE-20063054 | DIODE | | |
| D111 | VE-30001299 | DIODE | | |
| D112 | VE-30001302 | DIODE | | |
| D113 | VE-30001302 | DIODE | | |
| D114 | VE-30001302 | DIODE | | |
| D115 | VE-30001285 | DIODE | | |
| D116 | VE-30007760 | ZENER DIODE | | |
| D117 | VE-30001285 | DIODE | | |
| D118 | VE-30007760 | ZENER DIODE | | |
| D119 | VE-30001284 | DIODE | | |
| D120 | VE-30001291 | DIODE | | |
| D121 | VE-30001318 | DIODE | | |
| D122 | VE-30001318 | DIODE | | |
| D123 | VE-30001285 | DIODE | | |
| D126 | VE-30001284 | DIODE | | |
| D127 | VE-30001284 | DIODE | | |
| D128 | VE-30001284 | DIODE | | |
| D201 | VE-30001291 | DIODE | | |
| D202 | VE-30001285 | DIODE | | |
| D203 | VE-30007760 | ZENER DIODE | | |
| D205 | VE-30007763 | ZENER DIODE | | |
| D206 | VE-30007678 | DIODE GUC | | |
| D207 | VE-30007768 | DIODE | | |
| D208 | VE-30001291 | DIODE | | |
| D209 | VE-30001291 | DIODE | | |
| D210 | VE-30001299 | DIODE | | |
| D211 | VE-30001299 | DIODE | | |
| D212 | VE-30001291 | DIODE | | |
| D213 | VE-30001291 | DIODE | | |
| D214 | VE-30007763 | ZENER DIODE | | |
| D215 | VE-30007762 | ZENER DIODE | | |
| D216 | VE-30001285 | DIODE | | |

[AV28BH7ENS / AV28BH7ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------------|------------|-------------|--------------|-------------|
| DIODE | | | | |
| | D218 | VE-30001291 | DIODE | |
| | D219 | VE-30001291 | DIODE | |
| | D220 | VE-30001284 | DIODE | |
| | D221 | VE-30001284 | DIODE | |
| | D222 | VE-30001284 | DIODE | |
| | D223 | VE-30001285 | DIODE | |
| | D224 | VE-30001285 | DIODE | |
| | D225 | VE-30001318 | DIODE | |
| | D403 | VE-30001285 | DIODE | |
| | D900 | VE-30012412 | ZENER DIODE | |
| | D901 | VE-30007761 | ZENER DIODE | |
| TRANSISTOR | | | | |
| | Q101 | VE-30007801 | TR | |
| | Q103 | VE-30007802 | TR | |
| | Q104 | VE-30007798 | TR | |
| | Q105 | VE-30007798 | TR | |
| | Q106 | VE-30007802 | TR | |
| | Q107 | VE-30007798 | TR | |
| | Q108 | VE-30007798 | TR | |
| | Q109 | VE-30001457 | TR | |
| | Q110 | VE-30001457 | TR | |
| | Q112 | VE-30001454 | TR | |
| | Q113 | VE-30001428 | TR | |
| | Q201 | VE-30007802 | TR | |
| | Q202 | VE-30016686 | TR | |
| | Q203 | VE-30001458 | TR | |
| | Q204 | VE-30001458 | TR | |
| | Q205 | VE-30007799 | TR | |
| | Q206 | VE-30001457 | TR | |
| | Q207 | VE-30001457 | TR | |
| | Q208 | VE-30001455 | TR | |
| | Q403 | VE-30001457 | TR | |
| | Q408 | VE-30007800 | TR | |
| | Q415 | VE-30001457 | TR | |
| | Q801 | VE-30001457 | TR | |
| | Q802 | VE-30001457 | TR | |
| | Q900 | VE-30001458 | TR | |
| | Q901 | VE-30001457 | TR | |
| | Q902 | VE-30001457 | TR | |
| | Q903 | VE-30001457 | TR | |
| | Q904 | VE-30001457 | TR | |
| | Q905 | VE-30001457 | TR | |
| | Q906 | VE-30001457 | TR | |
| | Q907 | VE-30001457 | TR | |
| | Q908 | VE-30001457 | TR | |
| | Q909 | VE-30001458 | TR | |
| | Q910 | VE-30001457 | TR | |
| | Q911 | VE-30001457 | TR | |
| IC | | | | |
| △ | IC101 | VE-30007442 | IC | |
| △ | IC102 | VE-30015087 | IC | |
| | IC103 | VE-30001506 | IC | |
| | IC104 | VE-30007444 | IC | |
| | IC105 | VE-30001500 | IC | |
| | IC106 | VE-30001668 | IC | |
| | IC201 | VE-30007793 | IC | |
| | IC202 | VE-30001506 | IC | |
| | IC302 | VE-30015382 | IC(MEMORY) | |
| | IC304 | VE-30016491 | IC | |
| | IC401 | VE-30001495 | IC | |
| | IC801 | VE-30007794 | IC | |
| | IC802 | VE-30007794 | IC | |
| | IC900 | VE-30013571 | IC(MYCOM) | |
| OTHERS | | | | |
| △ | F101 | VE-20000849 | FUSE ASSY | 3.15A |
| △ | F102 | VE-30009037 | FUSE | 6.3A |
| △ | F103 | VE-30009037 | FUSE | 6.3A |
| | RL2 | VE-30002183 | RELAY | |
| | S133 | VE-30000575 | SMD RES. | 1/10W 2K J |
| | T401 | VE-30001724 | SER FILTER | |
| | TU401 | VE-30009637 | TUNER | |
| | VL401 | VE-30002037 | ADJ COIL VIF | 38.9 080 |
| | VR127 | VE-30001041 | ADJ RES. | 0.15W 1K M |
| | X900 | VE-30006662 | XTAL | 6MHZ |
| | Z401 | VE-30001706 | SAW FILTER | |
| | Z403 | VE-30001692 | SAW FILTER | |

| △ | Symbol No. | Part No. | Part Name | Description |
|---|------------|-------------|-----------|--------------|
| MULTISOUND P.W. BOARD ASS'Y(VE-30017302) | | | | |
| RESISTOR | | | | |
| | R501 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R502 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R503 | VE-30000459 | CF RES. | 1/4W 100R J |
| | R504 | VE-30000459 | CF RES. | 1/4W 100R J |
| | R505 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R506 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R507 | VE-30000626 | SMD RES. | 1/10W 270R J |
| | R508 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R509 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R510 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R511 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R512 | VE-30000469 | SMD RES. | 1/10W 100R J |
| | R513 | VE-30000466 | CF RES. | 1/4W 1K J |
| | R516 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R517 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R518 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R519 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R520 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R521 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R522 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R523 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R524 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R525 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R529 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R532 | VE-30000459 | CF RES. | 1/4W 100R J |
| | R533 | VE-30000459 | CF RES. | 1/4W 100R J |
| △ | R535 | VE-30001207 | FUSE RES. | 1/4W 10R J |
| | R536 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R538 | VE-30000457 | SMD RES. | 1/10W 10R J |
| | R539 | VE-30000452 | CF RES. | 1/4W 10R J |
| | R540 | VE-30000457 | SMD RES. | 1/10W 10R J |
| | R541 | VE-30000717 | SMD RES. | 1/10W 470R J |
| | R542 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R543 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R544 | VE-30000717 | SMD RES. | 1/10W 470R J |
| | R545 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R546 | VE-30000712 | CF RES. | 1/4W 470R J |
| | R547 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R548 | VE-30000717 | SMD RES. | 1/10W 470R J |
| | R549 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R550 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R551 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R552 | VE-30000452 | CF RES. | 1/4W 10R J |
| | R553 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R555 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R556 | VE-30000792 | CF RES. | 1/4W 75R J |
| | R557 | VE-30000792 | CF RES. | 1/4W 75R J |
| | R558 | VE-30000792 | CF RES. | 1/4W 75R J |
| | R559 | VE-30000457 | SMD RES. | 1/10W 10R J |
| | R560 | VE-30000717 | SMD RES. | 1/10W 470R J |
| | R561 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R562 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R563 | VE-30000792 | CF RES. | 1/4W 75R J |
| | R572 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R573 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R574 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R575 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R576 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R577 | VE-30000480 | SMD RES. | 1/10W 100K J |
| | R578 | VE-30000480 | SMD RES. | 1/10W 100K J |
| | R579 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R580 | VE-30000588 | SMD RES. | 1/10W 220R J |
| | R581 | VE-30000588 | SMD RES. | 1/10W 220R J |
| | R582 | VE-30000583 | CF RES. | 1/4W 220R J |
| | R583 | VE-30000508 | SMD RES. | 1/10W 12K J |
| | R584 | VE-30000636 | SMD RES. | 1/10W 27K J |
| | R585 | VE-30000503 | SMD RES. | 1/10W 12K J |
| | R586 | VE-30000636 | SMD RES. | 1/10W 27K J |
| | R587 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R588 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R589 | VE-30000457 | SMD RES. | 1/10W 10R J |
| | R590 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R591 | VE-30000457 | SMD RES. | 1/10W 10R J |
| | R592 | VE-30000464 | SMD RES. | 1/10W 100R J |
| | R593 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R594 | VE-30000469 | SMD RES. | 1/10W 1K J |
| | R595 | VE-30000457 | SMD RES. | 1/10W 10R J |
| | R596 | VE-30000717 | SMD RES. | 1/10W 470R J |
| | R597 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R598 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| | R599 | VE-30000797 | SMD RES. | 1/10W 75R J |
| | R600 | VE-30000475 | SMD RES. | 1/10W 10K J |
| | R613 | VE-30001231 | FUSE RES. | 27R 1/4W J |
| | R614 | VE-30000797 | SMD RES. | 1/10W 75R J |

[AV28BH7ENS / AV28BH7ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|-------------|-------------|
| CAPACITOR | | | | |
| C501 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C502 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C504 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C505 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C507 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C508 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C509 | VE-30000252 | SMD CAP. | 47PF 50V J | |
| C510 | VE-30000252 | SMD CAP. | 47PF 50V J | |
| C511 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C512 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C513 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C514 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C516 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C517 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C521 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C522 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C523 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C524 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C525 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C526 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C527 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C528 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C529 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C530 | VE-30000393 | EL CAP. | 3.3UF 50V M | |
| C531 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C532 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C533 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C534 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C535 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C536 | VE-30000216 | SMD CAP. | 1.8PF 50V J | |
| C537 | VE-30000216 | SMD CAP. | 1.8PF 50V J | |
| C538 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C539 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C540 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C541 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C542 | VE-30000263 | SMD CAP. | .56PF 50V J | |
| C543 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C544 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C545 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C546 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C547 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C548 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C549 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C550 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C551 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C552 | VE-30000407 | EL CAP. | 470UF 16V M | |
| C553 | VE-30000204 | SMD CAP. | 150PF 50V J | |
| C554 | VE-30000204 | SMD CAP. | 150PF 50V J | |
| C556 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C557 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C558 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C560 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C561 | VE-30000247 | SMD CAP. | 39PF 50V J | |
| C562 | VE-30000247 | SMD CAP. | 39PF 50V J | |
| C563 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C564 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C565 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C566 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C567 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C569 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C576 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C582 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C583 | VE-30000204 | SMD CAP. | 150PF 50V J | |
| C584 | VE-30000204 | SMD CAP. | 150PF 50V J | |
| C585 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C586 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C587 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C590 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C591 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C592 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C612 | VE-30000204 | SMD CAP. | 150PF 50V J | |
| C614 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C615 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C616 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C617 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C618 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C619 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C620 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C623 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C624 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C626 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C627 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C628 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C629 | VE-30000371 | EL CAP. | 22UF 50V M | |

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------------|-------------|--------------|--------------|-------------|
| CAPACITOR | | | | |
| C630 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C631 | VE-30000237 | SMD CAP. | 33PF 50V J | |
| C632 | VE-30000237 | SMD CAP. | 33PF 50V J | |
| C633 | VE-30000237 | SMD CAP. | 33PF 50V J | |
| C634 | VE-30000237 | SMD CAP. | 33PF 50V J | |
| C635 | VE-30000232 | SMD CAP. | 270PF 50V J | |
| C636 | VE-30000256 | SMD CAP. | 470PF 50V J | |
| C637 | VE-30000237 | SMD CAP. | 33PF 50V J | |
| C638 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C640 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C641 | VE-30000332 | SMD CAP. | 4.7NF 50V K | |
| C643 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C644 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| COIL | | | | |
| L501 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L502 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L503 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L504 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L505 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L506 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L507 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L508 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L509 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L510 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L513 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L514 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L515 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L516 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L517 | VE-3001996 | FIXED COIL | 22UH Q40 K | |
| L520 | VE-30013413 | FERRITE BEAD | | |
| L521 | VE-30013413 | FERRITE BEAD | | |
| L522 | VE-30013413 | FERRITE BEAD | | |
| L523 | VE-30013413 | FERRITE BEAD | | |
| L524 | VE-30013413 | FERRITE BEAD | | |
| L525 | VE-30013413 | FERRITE BEAD | | |
| L526 | VE-30013413 | FERRITE BEAD | | |
| L527 | VE-30013413 | FERRITE BEAD | | |
| L533 | VE-30013413 | FERRITE BEAD | | |
| L534 | VE-30013413 | FERRITE BEAD | | |
| L535 | VE-30013413 | FERRITE BEAD | | |
| L536 | VE-30010964 | FERRITE BEAD | | |
| L537 | VE-30010964 | FERRITE BEAD | | |
| DIODE | | | | |
| D501 | VE-30001369 | ZENER DIODE | | |
| D502 | VE-30001284 | DIODE | | |
| D504 | VE-30001285 | DIODE | | |
| D505 | VE-30001285 | DIODE | | |
| TRANSISTOR | | | | |
| Q501 | VE-30001458 | TR | | |
| Q502 | VE-30001457 | TR | | |
| Q503 | VE-30001457 | TR | | |
| Q504 | VE-30001457 | TR | | |
| Q505 | VE-30001457 | TR | | |
| Q506 | VE-30001457 | TR | | |
| Q507 | VE-30001457 | TR | | |
| Q508 | VE-30001457 | TR | | |
| Q509 | VE-30001457 | TR | | |
| Q510 | VE-30001457 | TR | | |
| Q511 | VE-30001457 | TR | | |
| Q512 | VE-30001457 | TR | | |
| Q513 | VE-30001457 | TR | | |
| Q514 | VE-30001457 | TR | | |
| Q515 | VE-30001457 | TR | | |
| IC | | | | |
| IC501 | VE-30001664 | IC | | |
| IC502 | VE-30001619 | IC | | |
| IC504 | VE-30001349 | ZENER DIODE | | 11V |
| OTHERS | | | | |
| X501 | VE-30001756 | XTAL | | |

[AV28BH7ENS / AV28BH7ENB]

FEATURE BOX P.W. BOARD ASS'Y (VE-30013755)

△ Symbol No. Part No. Part Name Description

RESISTOR

| | | | |
|------|-------------|----------|--------------|
| R001 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R002 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R003 | VE-30000688 | SMD RES. | 1/10W 390R J |
| R004 | VE-30006462 | SMD RES. | 1/10W 22R J |
| R005 | VE-30000653 | SMD RES. | 1/10W 33R J |
| R006 | VE-30000588 | SMD RES. | 1/10W 220R J |
| R007 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R008 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R009 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R010 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R011 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R012 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R013 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R014 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R015 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R016 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R017 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R018 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R021 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R024 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R026 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R028 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R030 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R031 | VE-30000833 | SMD RES. | 1/10W 91R J |
| R032 | VE-30000524 | SMD RES. | 1/10W 150R J |
| R033 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R034 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R047 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R048 | VE-30006462 | SMD RES. | 1/10W 22R J |
| R050 | VE-30000597 | SMD RES. | 1/10W 22K J |
| R053 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R054 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R055 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R056 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R057 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R058 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R059 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R074 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R075 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R076 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R079 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R080 | VE-30000688 | SMD RES. | 1/10W 390R J |
| R081 | VE-30006462 | SMD RES. | 1/10W 22R J |
| R082 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R083 | VE-30000588 | SMD RES. | 1/10W 220R J |
| R084 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R085 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R086 | VE-30000688 | SMD RES. | 1/10W 390R J |
| R087 | VE-30006462 | SMD RES. | 1/10W 22R J |
| R088 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R089 | VE-30000588 | SMD RES. | 1/10W 220R J |
| R090 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R091 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R092 | VE-30000688 | SMD RES. | 1/10W 390R J |
| R093 | VE-30006462 | SMD RES. | 1/10W 22R J |
| R094 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R095 | VE-30000588 | SMD RES. | 1/10W 220R J |
| R096 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R098 | VE-30000597 | SMD RES. | 1/10W 22K J |
| R099 | VE-30000626 | SMD RES. | 1/10W 270R J |
| R100 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R101 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| R105 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R106 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| R107 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R108 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R110 | VE-30000534 | SMD RES. | 1/10W 15K J |
| R111 | VE-30000534 | SMD RES. | 1/10W 15K J |
| R112 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| R117 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R119 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R120 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R121 | VE-30006462 | SMD RES. | 1/10W 22R J |
| R122 | VE-30000588 | SMD RES. | 1/10W 220R J |
| R125 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R126 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R127 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R128 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R129 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R130 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R131 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R132 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R133 | VE-30000659 | SMD RES. | 1/10W 330R J |

△ Symbol No. Part No. Part Name Description

RESISTOR

| | | | |
|------|-------------|----------|--------------|
| R134 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R135 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R136 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R137 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R138 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R140 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R141 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R142 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R143 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R144 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R145 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R149 | VE-30000534 | SMD RES. | 1/10W 15K J |
| R150 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R151 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R152 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R153 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R154 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R155 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R156 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R157 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R158 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R159 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R161 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R162 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R163 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R164 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R165 | VE-30000721 | SMD RES. | 1/10W 4.7K J |

CAPACITOR

| | | | |
|------|-------------|----------|---------------|
| C001 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C002 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C003 | VE-30000334 | SMD CAP. | 47NF 50V K |
| C004 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C005 | VE-30000186 | SMD CAP. | 10PF 50V D 0G |
| C006 | VE-30000186 | SMD CAP. | 10PF 50V D 0G |
| C007 | VE-30000232 | SMD CAP. | 270PF 50V J |
| C008 | VE-30000265 | SMD CAP. | 560PF 50V J |
| C009 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C010 | VE-30000232 | SMD CAP. | 270PF 50V J |
| C011 | VE-30000265 | SMD CAP. | 560PF 50V J |
| C012 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C013 | VE-30000232 | SMD CAP. | 270PF 50V J |
| C014 | VE-30000265 | SMD CAP. | 560PF 50V J |
| C015 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C016 | VE-30000232 | SMD CAP. | 270PF 50V J |
| C017 | VE-30000265 | SMD CAP. | 560PF 50V J |
| C018 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C019 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C020 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C021 | VE-30000345 | EL CAP. | 10UF 50V M |
| C022 | VE-30000345 | EL CAP. | 10UF 50V M |
| C024 | VE-30000345 | EL CAP. | 10UF 50V M |
| C026 | VE-30000345 | EL CAP. | 10UF 50V M |
| C027 | VE-30000345 | EL CAP. | 10UF 50V M |
| C028 | VE-30000345 | EL CAP. | 10UF 50V M |
| C029 | VE-30000242 | SMD CAP. | 330PF 50V J |
| C030 | VE-30010560 | SMD CAP. | 220NF 25V K R |
| C031 | VE-30000242 | SMD CAP. | 330PF 50V J |
| C032 | VE-30010560 | SMD CAP. | 220NF 25V K R |
| C033 | VE-30000242 | SMD CAP. | 330PF 50V J |
| C034 | VE-30010560 | SMD CAP. | 220NF 25V K R |
| C035 | VE-30000109 | MKT CAP. | 470NF 63V J |
| C036 | VE-30000345 | EL CAP. | 10UF 50V M |
| C037 | VE-30000345 | EL CAP. | 10UF 50V M |
| C038 | VE-30000289 | SMD CAP. | 10NF 50V K R |
| C039 | VE-30000371 | EL CAP. | 22UF 50V M |
| C040 | VE-30000392 | EL CAP. | 0.33UF 50V M |
| C041 | VE-30000371 | EL CAP. | 22UF 50V M |
| C042 | VE-30000392 | EL CAP. | 0.33UF 50V M |
| C043 | VE-30000392 | EL CAP. | 0.33UF 50V M |
| C045 | VE-30000294 | SMD CAP. | 10NF 50V K |
| C046 | VE-30000294 | SMD CAP. | 10NF 50V K |
| C047 | VE-30000294 | SMD CAP. | 10NF 50V K |
| C048 | VE-30000232 | SMD CAP. | 270PF 50V J |
| C049 | VE-30000265 | SMD CAP. | 560PF 50V J |
| C050 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C051 | VE-30000232 | SMD CAP. | 270PF 50V J |
| C052 | VE-30000265 | SMD CAP. | 560PF 50V J |
| C053 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C054 | VE-30000228 | SMD CAP. | 27PF 50V J GH |
| C055 | VE-30000228 | SMD CAP. | 27PF 50V J GH |

[AV28BH7ENS / AV28BH7ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|------------|----------|-----------|-------------|
| CAPACITOR | | | | |

| | | | |
|------|-------------|----------|---------------|
| C056 | VE-3000232 | SMD CAP. | 270PF 50V J |
| C057 | VE-3000265 | SMD CAP. | 560PF 50V J |
| C058 | VE-3000309 | SMD CAP. | 2.2NF 50V K R |
| C059 | VE-3000284 | SMD CAP. | 1NF 50V K R |
| C060 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C061 | VE-3000294 | SMD CAP. | 100NF 50V K |
| C062 | VE-3000294 | SMD CAP. | 100NF 50V K |
| C063 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C064 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C065 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C066 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C067 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C068 | VE-3000294 | SMD CAP. | 100NF 50V K |
| C069 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C070 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C071 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C072 | VE-3000309 | SMD CAP. | 2.2NF 50V K R |
| C073 | VE-3000265 | SMD CAP. | 560PF 50V J |
| C074 | VE-3000345 | EL CAP. | 10UF 50V M |
| C075 | VE-3000345 | EL CAP. | 10UF 50V M |
| C076 | VE-3000345 | EL CAP. | 10UF 50V M |
| C077 | VE-3000345 | EL CAP. | 10UF 50V M |
| C078 | VE-30000109 | MKT CAP. | 470NF 63V J |
| C079 | VE-30000109 | MKT CAP. | 470NF 63V J |
| C080 | VE-3000345 | EL CAP. | 10UF 50V M |
| C081 | VE-3000345 | EL CAP. | 10UF 50V M |
| C082 | VE-3000345 | EL CAP. | 10UF 50V M |
| C083 | VE-3000294 | SMD CAP. | 100NF 50V K |
| C084 | VE-3000186 | SMD CAP. | 10PF 50V D QG |
| C085 | VE-3000232 | SMD CAP. | 270PF 50V J |
| C086 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C087 | VE-3000265 | SMD CAP. | 560PF 50V J |
| C088 | VE-3000232 | SMD CAP. | 270PF 50V J |
| C089 | VE-3000232 | SMD CAP. | 270PF 50V J |
| C090 | VE-3000265 | SMD CAP. | 560PF 50V J |
| C091 | VE-3000309 | SMD CAP. | 2.2NF 50V K R |
| C092 | VE-3000309 | SMD CAP. | 2.2NF 50V K R |
| C093 | VE-3000265 | SMD CAP. | 560PF 50V J |
| C094 | VE-3000232 | SMD CAP. | 270PF 50V J |
| C095 | VE-3000232 | SMD CAP. | 270PF 50V J |
| C096 | VE-3000265 | SMD CAP. | 560PF 50V J |
| C097 | VE-3000309 | SMD CAP. | 2.2NF 50V K R |
| C098 | VE-3000345 | EL CAP. | 10UF 50V M |
| C099 | VE-3000345 | EL CAP. | 10UF 50V M |
| C100 | VE-3000393 | EL CAP. | 3.3UF 50V M |
| C101 | VE-3000392 | EL CAP. | 0.33UF 50V M |
| C102 | VE-3000345 | EL CAP. | 10UF 50V M |
| C103 | VE-3000289 | SMD CAP. | 10NF 50V K R |
| C104 | VE-3000284 | SMD CAP. | 1NF 50V K R |
| C105 | VE-3000294 | SMD CAP. | 100NF 50V K |
| C106 | VE-3000294 | SMD CAP. | 100NF 50V K |
| C107 | VE-3000186 | SMD CAP. | 10PF 50V D QG |
| C108 | VE-3000345 | EL CAP. | 10UF 50V M |
| C109 | VE-3000294 | SMD CAP. | 100NF 50V K |
| C110 | VE-3000186 | SMD CAP. | 10PF 50V D QG |
| C111 | VE-3000186 | SMD CAP. | 10PF 50V D QG |
| C112 | VE-3000284 | SMD CAP. | 1NF 50V K R |
| C113 | VE-3000242 | SMD CAP. | 330PF 50V J |
| C25 | VE-3000109 | MKT CAP. | 470NF 63V J |

COIL

| | | | |
|------|-------------|------------|--------------|
| L001 | VE-30001992 | FIXED COIL | 10UH 065 K-A |
| L002 | VE-30001992 | FIXED COIL | 10UH 065 K-A |
| L003 | VE-30001992 | FIXED COIL | 10UH 065 K-A |
| L004 | VE-30001986 | FIXED COIL | 3.3UH 065 K |
| L005 | VE-30001986 | FIXED COIL | 3.3UH 065 K |
| L006 | VE-30001996 | FIXED COIL | 22UH 040 K |
| L007 | VE-30001986 | FIXED COIL | 3.3UH 065 K |
| L008 | VE-30001986 | FIXED COIL | 3.3UH 065 K |
| L009 | VE-30001986 | FIXED COIL | 3.3UH 065 K |
| L010 | VE-30001986 | FIXED COIL | 3.3UH 065 K |

DIODE

| | | | |
|------|-------------|-------|--|
| D001 | VE-30001284 | DIODE | |
| D002 | VE-30001284 | DIODE | |
| D003 | VE-30001284 | DIODE | |

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------------|------------|----------|-----------|-------------|
| TRANSISTOR | | | | |

| | | |
|------|-------------|----|
| Q001 | VE-30001454 | TR |
| Q002 | VE-30001454 | TR |
| Q003 | VE-30001455 | TR |
| Q004 | VE-30001454 | TR |
| Q005 | VE-30001454 | TR |
| Q006 | VE-30001455 | TR |
| Q007 | VE-30001454 | TR |
| Q008 | VE-30001454 | TR |
| Q009 | VE-30001455 | TR |
| Q010 | VE-30001454 | TR |
| Q011 | VE-30001454 | TR |
| Q012 | VE-30001455 | TR |
| Q013 | VE-30001454 | TR |
| Q014 | VE-30001454 | TR |
| Q015 | VE-30001454 | TR |

IC

| | | |
|-------|-------------|----|
| IC001 | VE-30010350 | IC |
| IC002 | VE-30010348 | IC |
| IC003 | VE-30007668 | IC |
| IC004 | VE-30007739 | IC |
| IC005 | VE-30010349 | IC |

OTHERS

| | | |
|------|-------------|---------|
| X001 | VE-30008778 | XTAL |
| X002 | VE-30008782 | XTAL |
| Z1 | VE-30001962 | FERRITE |
| Z10 | VE-30001962 | FERRITE |
| Z14 | VE-30001962 | FERRITE |
| Z18 | VE-30001962 | FERRITE |
| Z24 | VE-30001962 | FERRITE |
| Z25 | VE-30001962 | FERRITE |
| Z26 | VE-30001962 | FERRITE |
| Z37 | VE-30001962 | FERRITE |
| Z38 | VE-30001962 | FERRITE |

CRT SOCKET P.W. BOARD ASS'Y (VE-30017303)

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|-----------|--------------|-------------|
| RESISTOR | | | | |
| R901 | VE-3000499 | SMD RES. | 1/10W 1.2K J | |
| R902 | VE-30017132 | MF RES. | 51K 1W F | |
| R903 | VE-3000499 | SMD RES. | 1/10W 1.2K J | |
| R904 | VE-30000524 | SMD RES. | 1/10W 150R J | |
| R905 | VE-30001192 | MO RES. | 1W 680R J | |
| R906 | VE-3000499 | SMD RES. | 1/10W 1.2K J | |
| R907 | VE-30017132 | MF RES. | 51K 1W F | |
| R908 | VE-3000499 | SMD RES. | 1/10W 1.2K J | |
| R909 | VE-30000524 | SMD RES. | 1/10W 150R J | |
| R910 | VE-30001192 | MO RES. | 1W 680R J | |
| R911 | VE-3000499 | SMD RES. | 1/10W 1.2K J | |
| R912 | VE-30017132 | MF RES. | 51K 1W F | |
| R913 | VE-3000499 | SMD RES. | 1/10W 1.2K J | |
| R914 | VE-30000524 | SMD RES. | 1/10W 150R J | |
| R915 | VE-30001192 | MO RES. | 1W 680R J | |
| R916 | VE-30001125 | MO RES. | 2W 2.2K J | |
| R917 | VE-30001170 | MO RES. | 1W 4.7K J | |
| R918 | VE-30007788 | CF RES. | 1/4W 6.8M J | |
| R920 | VE-30000535 | CF RES. | 1/2W 150K J | |
| R922 | VE-30000477 | CF RES. | 1/4W 100K J | |
| R923 | VE-30000477 | CF RES. | 1/4W 100K J | |
| R924 | VE-30000477 | CF RES. | 1/4W 100K J | |
| R925 | VE-30007788 | SMD RES. | 1/10W 2.7K F | |
| R926 | VE-3000469 | SMD RES. | 1/10W 1K J | |
| R927 | VE-30001247 | FUSE RES. | 1/2W 4.7R J | |
| R929 | VE-30000466 | CF RES. | 1/4W 1K J | |
| R931 | VE-30000593 | SMD RES. | 1/10W 2.2K J | |
| R932 | VE-30000471 | CF RES. | 1/4W 10K J | |
| R944 | VE-30001211 | FUSE RES. | 1W 1K J | |

CAPACITOR

| | | | |
|------|------------|--------|-----------|
| C901 | VE-3000275 | C CAP. | 8PF 50V D |
|------|------------|--------|-----------|

[AV28BH7ENS / AV28BH7ENB]

| △ | Symbol No. | Part No. | Part Name | Description |
|-------------------|-------------|------------|-------------------|-------------|
| CAPACITOR | | | | |
| C902 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C903 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) | |
| C904 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C905 | VE-30000209 | SMD CAP. | 18PF 50V J | |
| C906 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C907 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) | |
| C908 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C909 | VE-30000220 | SMD CAP. | 22PF 50V J | |
| C910 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C911 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) | |
| C912 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C914 | VE-30000072 | MKT CAP. | 10NF 1250V J | |
| C915 | VE-30000415 | EL CAP. | 4.7UF 250V M | |
| C916 | VE-30000330 | C CAP. | 4.7NF 50V K B | |
| C919 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C920 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C921 | VE-30000359 | EL CAP. | 10000UF 16V M | |
| C922 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) | |
| C923 | VE-30000406 | EL CAP. | 471UF 250V M (HR) | |
| C931 | VE-30000265 | SMD CAP. | 560PF 50V J | |
| C934 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C935 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C936 | VE-30000075 | MKT CAP. | 100NF 250V K (DC) | |
| C938 | VE-30000433 | C CAP. | 1NF 1KV M B | |
| C949 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| COIL | | | | |
| L904 | VE-30001997 | FIXED COIL | 33UH Q60 J | |
| L905 | VE-30001991 | FIXED COIL | 10UH RAD | |
| L921 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| DIODE | | | | |
| D902 | VE-30001318 | DIODE | | |
| D907 | VE-30001284 | DIODE | | |
| TRANSISTOR | | | | |
| Q901 | VE-30001427 | TR | | |
| Q902 | VE-30001455 | TR | | |
| IC | | | | |
| IC901 | VE-20000989 | HE. ASSY | | |
| IC902 | VE-20000989 | HE. ASSY | | |
| IC903 | VE-20000989 | HE. ASSY | | |
| OTHERS | | | | |
| △ PL904 | VE-30001855 | CRT SOCKET | | |

FRONT CONTROL P.W. BOARD ASS'Y
(VE-30017014)

| △ | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|---------------|-------------|-------------|
| RESISTOR | | | | |
| R1 | VE-30000689 | CF RES. | 1/4W 3.9K J | |
| R2 | VE-30000526 | CF RES. | 1/4W 1.5K J | |
| R3 | VE-30000770 | CF RES. | 1/4W 680R J | |
| R4 | VE-30000712 | CF RES. | 1/4W 470R J | |
| R5 | VE-30000622 | CF RES. | 1/4W 270R J | |
| DIODE | | | | |
| D1 | VE-30001279 | LED RED/GREEN | | |
| IC | | | | |
| IC1 | VE-30001670 | PREAMPLIFIER | | |
| OTHERS | | | | |
| SW1 | VE-30002181 | SWITCH TACT | V- | |
| SW2 | VE-30002181 | SWITCH TACT | P+ | |
| SW3 | VE-30002181 | SWITCH TACT | P- | |
| SW4 | VE-30002181 | SWITCH TACT | V+ | |
| SW5 | VE-30002181 | SWITCH TACT | | |

FRONT AV + HEADPHONE JACK P.W. BOARD ASS'Y (VE-30016761)

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------------|----------------|-------------|
| RESISTOR | | | | |
| R107 | VE-30000594 | CF RES. | 1/4W 22K J | |
| R108 | VE-30000712 | CF RES. | 1/4W 470R J | |
| R109 | VE-30000594 | CF RES. | 1/4W 22K J | |
| R110 | VE-30000712 | CF RES. | 1/4W 470R J | |
| R113 | VE-30000744 | CF RES. | 1/4W 560R J | |
| R114 | VE-30000744 | CF RES. | 1/4W 560R J | |
| R115 | VE-30000712 | CF RES. | 1/4W 470R J | |
| R116 | VE-30000712 | CF RES. | 1/4W 470R J | |
| CAPACITOR | | | | |
| C103 | VE-30000213 | C CAP. | 180PF 50V J CH | |
| C104 | VE-30000213 | C CAP. | 180PF 50V J CH | |
| C106 | VE-30000190 | C CAP. | 100PF 50V J CH | |
| COIL | | | | |
| L103 | VE-30001996 | FIXED COIL | | |
| L104 | VE-30001996 | FIXED COIL | 22UH Q40 K | |
| OTHERS | | | | |
| CON102 | VE-30001893 | RCA JACK | | |
| CON103 | VE-30001891 | RCA JACK | | |
| CON104 | VE-30001892 | RCA JACK | | |
| CON106 | VE-30001900 | HEADPHONE JACK | | |
| T103 | VE-30001962 | FERRITE | | |
| T104 | VE-30001963 | FERRITE | | |
| T107 | VE-30001963 | FERRITE | | |

PRINTED WIRING BOARD PARTS LIST

[AV28BHT7EPS / AV27BH7EPB]

MAIN P.W. BOARD ASS'Y (VE-20084599)

| Symbol No. | Part No. | Part Name | Description | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|-----------|---------------|------------|-------------|-----------|--------------|
| RESISTOR | | | | | | | |
| R101 | VE-30000668 | SMD RES. | 1/10W 33K J | R242 | VE-30000784 | CF RES. | 1/4W 680K J |
| R102 | VE-30007782 | MF RES. | 1/4W 3.9M F | R245 | VE-30000466 | CF RES. | 1/4W 1K J |
| R103 | VE-30000855 | MF RES. | 1/4W 1M F | R246 | VE-30000752 | CF RES. | 1/4W 56K J |
| R104 | VE-30000668 | SMD RES. | 1/10W 33K J | R250 | VE-30000477 | CF RES. | 1/4W 100K J |
| R105 | VE-30000452 | CF RES. | 1/4W 10R J | R251 | VE-30000477 | CF RES. | 1/4W 100K J |
| R106 | VE-30000664 | SMD RES. | 1/10W 3.3K J | R252 | VE-30007789 | SMD RES. | 1/10W 27K F |
| R107 | VE-30007019 | SMD RES. | 1/10W 10K F | R254 | VE-30000636 | SMD RES. | 1/10W 27K J |
| R108 | VE-30007784 | MO RES. | 5W 33K J | R255 | VE-30001134 | MO RES. | 2W 2.2R J |
| R109 | VE-30001270 | PTC | 9 OHM | R256 | VE-30001100 | MO RES. | 1W 150R J |
| R110 | VE-30001171 | MO RES. | 2W 4.7K J | R257 | VE-30001173 | MO RES. | 1W 0.47R J |
| R111 | VE-30001257 | MG RES. | 1/2W 4.7M J | R260 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R112 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R261 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R113 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R262 | VE-30001237 | FUSE RES. | 1/2W 3.3R J |
| R120 | VE-30000814 | SMD RES. | 1/10W 820R J | R264 | VE-30001077 | MO RES. | 2W 10R J |
| R122 | VE-30000469 | SMD RES. | 1/10W 1K J | R270 | VE-30000541 | CF RES. | 1/4W 1.5M J |
| R123 | VE-30000469 | SMD RES. | 1/10W 1K J | R271 | VE-30000744 | CF RES. | 1/4W 560R J |
| R124 | VE-30000480 | SMD RES. | 1/10W 100K J | R272 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R125 | VE-30000927 | MF RES. | 1/4W 220K J | R280 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R126 | VE-30000664 | SMD RES. | 1/10W 3.3K J | R281 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R127 | VE-30000469 | SMD RES. | 1/10W 1K J | R318 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R128 | VE-30000536 | CF RES. | 1/4W 150K J | R322 | VE-30000594 | CF RES. | 1/4W 22K J |
| R129 | VE-30007019 | SMD RES. | 1/10W 10K F | R323 | VE-30000459 | CF RES. | 1/4W 100R J |
| R130 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R324 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R134 | VE-30000469 | SMD RES. | 1/10W 1K J | R327 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R135 | VE-30007790 | SMD RES. | 1/10W 4.3K F | R360 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R136 | VE-30000774 | SMD RES. | 1/10W 680R J | R361 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R137 | VE-30007021 | SMD RES. | 1/10W 1K F | R362 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R138 | VE-30007786 | SMD RES. | 1/10W 2.55K F | R363 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R139 | VE-30000774 | SMD RES. | 1/10W 680R J | R364 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R140 | VE-30000459 | CF RES. | 1/4W 100R J | R365 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R141 | VE-30000475 | SMD RES. | 1/10W 10K J | R366 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R142 | VE-30000475 | SMD RES. | 1/10W 10K J | R367 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R143 | VE-30007021 | SMD RES. | 1/10W 1K F | R368 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R144 | VE-30007788 | SMD RES. | 1/10W 2.7K F | R369 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R145 | VE-30000732 | SMD RES. | 1/10W 470K J | R370 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R146 | VE-30000469 | SMD RES. | 1/10W 1K J | R371 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R148 | VE-30014023 | FUSE RES. | 1/2W 0.1R J | R372 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R149 | VE-30007204 | MF RES. | 1/2W 1.5M F | R373 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R150 | VE-30007783 | FUSE RES. | 1/4W 2.2R J | R374 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R151 | VE-30014023 | FUSE RES. | 1/2W 0.1R J | R375 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R152 | VE-30000659 | SMD RES. | 1/10W 330R J | R376 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R153 | VE-30012649 | SMD RES. | 1/10W 150R J | R378 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R154 | VE-30012984 | SMD RES. | 1/10W 91R J | R379 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R155 | VE-30000712 | CF RES. | 1/4W 470R J | R380 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R156 | VE-30001089 | MO RES. | 2W 1R J | R381 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R157 | VE-30000534 | SMD RES. | 1/10W 15K J | R382 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R158 | VE-30000475 | SMD RES. | 1/10W 10K J | R383 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R159 | VE-30000480 | SMD RES. | 1/10W 100K J | R384 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R160 | VE-30006923 | SMD RES. | 1/10W 4.3K J | R385 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R202 | VE-30007779 | MO RES. | 5W 47R J | R397 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R203 | VE-30000534 | SMD RES. | 1/10W 15K J | R398 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R205 | VE-30001004 | MF RES. | 1/2W 0.56R J | R401 | VE-30000665 | CF RES. | 1/4W 33K J |
| R206 | VE-30001079 | MO RES. | 1W 100R J | R403 | VE-30000668 | SMD RES. | 1/10W 33K J |
| R210 | VE-30000583 | CF RES. | 1/4W 220R J | R411 | VE-30000747 | SMD RES. | 1/10W 560R J |
| R211 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R412 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R212 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R413 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R213 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R414 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R214 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R415 | VE-30000517 | SMD RES. | 1/10W 15R J |
| R215 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R416 | VE-30000717 | SMD RES. | 1/10W 470R J |
| R216 | VE-30000631 | SMD RES. | 1/10W 2.7K J | R417 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R217 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R418 | VE-30000593 | SMD RES. | 1/10W 2.2K J |
| R218 | VE-30000480 | SMD RES. | 1/10W 100K J | R421 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| R220 | VE-30000590 | CF RES. | 1/4W 2.2K J | R422 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R225 | VE-30001086 | MO RES. | 2W 10K J | R424 | VE-30000721 | SMD RES. | 1/10W 1K F |
| R226 | VE-30001168 | MO RES. | 2W 470R J | R425 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R227 | VE-30000469 | SMD RES. | 1/10W 1K J | R428 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R228 | VE-30000475 | SMD RES. | 1/10W 10K J | R429 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R229 | VE-30000727 | SMD RES. | 1/10W 47K J | R432 | VE-30000787 | SMD RES. | 1/10W 680K J |
| R230 | VE-30000902 | MF RES. | 1/4W 1.8K F | R436 | VE-30000735 | SMD RES. | 1/10W 4.7R J |
| R231 | VE-30001229 | FUSE RES. | 1W 2.2R J | R437 | VE-30000499 | SMD RES. | 1/10W 1.2K J |
| R232 | VE-30000477 | CF RES. | 1/4W 100K J | R438 | VE-30000655 | CF RES. | 1/4W 330R J |
| R233 | VE-30001244 | FUSE RES. | 0.47R 1/2W J | R439 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| R234 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R440 | VE-30000614 | SMD RES. | 1/10W 2.4K J |
| R235 | VE-30000668 | SMD RES. | 1/10W 33K J | R441 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R236 | VE-30000718 | CF RES. | 1/4W 4.7K J | R445 | VE-30000814 | SMD RES. | 1/10W 820R J |
| R237 | VE-30001244 | FUSE RES. | 0.47R 1/2W J | R446 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R238 | VE-30000729 | CF RES. | 1/4W 470K J | R447 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R239 | VE-30001089 | MO RES. | 2W 1R J | R475 | VE-30000524 | SMD RES. | 1/10W 150R J |
| R240 | VE-30000469 | SMD RES. | 1/10W 1K J | R480 | VE-30000718 | CF RES. | 1/10W 4.7K J |
| R241 | VE-30000818 | SMD RES. | 1/10W 8.2K J | R490 | VE-30000466 | CF RES. | 1/4W 1K J |

[AV28BHT7EPS / AV27BH7EPB]

| ▲ Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|-----------|--------------|
| RESISTOR | | | |
| R492 | VE-30000503 | SMD RES. | 1/10W 12K J |
| R506 | VE-30012695 | SMD RES. | 1/10W 470R J |
| R509 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R510 | VE-30000721 | SMD RES. | 1/10W 1K F |
| R511 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R512 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R513 | VE-30000457 | SMD RES. | 1/10W 10R J |
| R516 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| R517 | VE-30000664 | SMD RES. | 1/10W 3.3K J |
| R518 | VE-30000735 | SMD RES. | 1/10W 4.7R J |
| R801 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R802 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R803 | VE-30000628 | CF RES. | 1/4W 2.7K J |
| R804 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R805 | VE-30000534 | SMD RES. | 1/10W 15K J |
| R806 | VE-30000531 | CF RES. | 1/4W 15K J |
| R807 | VE-30000567 | SMD RES. | 1/10W 18K J |
| R808 | VE-30000734 | CF RES. | 1/4W 4.7R J |
| R809 | VE-30000717 | SMD RES. | 1/10W 470R J |
| R810 | VE-30000564 | CF RES. | 1/4W 18K J |
| R811 | VE-30000717 | SMD RES. | 1/10W 470R J |
| R812 | VE-30000734 | CF RES. | 1/4W 4.7R J |
| R813 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R819 | VE-30000734 | CF RES. | 1/4W 4.7R J |
| R820 | VE-30000734 | CF RES. | 1/4W 4.7R J |
| R900 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R901 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R902 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R903 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R904 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R905 | VE-30000723 | CF RES. | 1/4W 47K J |
| R906 | VE-30012696 | SMD RES. | 1/10W 47K J |
| R907 | VE-30012679 | SMD RES. | 1/10W 3.9K J |
| R908 | VE-30012679 | SMD RES. | 1/10W 3.9K J |
| R909 | VE-30000531 | CF RES. | 1/4W 15K J |
| R910 | VE-30000531 | CF RES. | 1/4W 15K J |
| R911 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R912 | VE-30000471 | CF RES. | 1/4W 10K J |
| R913 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R914 | VE-30000471 | CF RES. | 1/4W 10K J |
| R915 | VE-30000471 | CF RES. | 1/4W 10K J |
| R916 | VE-30012695 | SMD RES. | 1/10W 470R J |
| R917 | VE-30012987 | SMD RES. | 1/10W 56R J |
| R918 | VE-30012692 | SMD RES. | 1/10W 4.7K J |
| R919 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R920 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R921 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R922 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R923 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R924 | VE-30012696 | SMD RES. | 1/10W 47K J |
| R925 | VE-30012696 | SMD RES. | 1/10W 47K J |
| R926 | VE-30012696 | SMD RES. | 1/10W 47K J |
| R927 | VE-30012696 | SMD RES. | 1/10W 47K J |
| R928 | VE-30012510 | SMD RES. | 1/10W 100R J |
| R929 | VE-30012510 | SMD RES. | 1/10W 100R J |
| R930 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R931 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R932 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R933 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R934 | VE-30012692 | SMD RES. | 1/10W 4.7K J |
| R935 | VE-30012662 | SMD RES. | 1/10W 2.7K J |
| R936 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R937 | VE-30000459 | CF RES. | 1/4W 100R J |
| R938 | VE-30012509 | SMD RES. | 1/10W 100K J |
| R939 | VE-30012692 | SMD RES. | 1/10W 4.7K J |
| R940 | VE-30000500 | CF RES. | 1/4W 12K J |
| R941 | VE-30000588 | SMD RES. | 1/10W 220R J |
| R942 | VE-30000588 | SMD RES. | 1/10W 220R J |
| R943 | VE-30000471 | CF RES. | 1/4W 10K J |
| R944 | VE-30012641 | SMD RES. | 1/10W 10K J |
| R945 | VE-30000471 | CF RES. | 1/4W 10K J |
| R946 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R950 | VE-30012657 | SMD RES. | 1/10W 100R J |
| R951 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R952 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R953 | VE-30000466 | CF RES. | 1/4W 1K J |
| R955 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R956 | VE-30012510 | SMD RES. | 1/10W 100R J |
| R957 | VE-30012655 | SMD RES. | 1/10W 180R J |
| R958 | VE-30014022 | SMD RES. | 1/10W 47R J |
| R959 | VE-30000466 | CF RES. | 1/4W 1K J |
| R960 | VE-30000471 | CF RES. | 1/4W 10K J |
| R961 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R964 | VE-30012641 | SMD RES. | 1/10W 10K J |

| ▲ Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|-----------|------------------|
| RESISTOR | | | |
| R965 | VE-30012657 | SMD RES. | 1/10W 1K J |
| R966 | VE-30012641 | SMD RES. | 1/10W 10K J |
| CAPACITOR | | | |
| C100 | VE-3000098 | MKT CAP. | 3.3NF 63V J |
| C101 | VE-30000371 | EL CAP. | 22uF 50V M |
| C102 | VE-30000294 | SMD CAP. | 10uNF 50V K |
| C103 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C104 | VE-30012323 | MKT CAP. | 1NF 100V J |
| C105 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| C106 | VE-30000332 | SMD CAP. | 4.7NF 50V K |
| C107 | VE-30000263 | SMD CAP. | 56PF 50V J |
| C108 | VE-30000123 | PP CAP. | 33NF 630V K |
| C109 | VE-30000159 | MKP CAP. | 4.7NF 1.6KV J |
| C110 | VE-30009208 | C CAP. | 470PF 1KV K |
| C111 | VE-30000131 | MKP CAP. | 100NF 250V J |
| C112 | VE-30000094 | MKT CAP. | 220uF AC275V M |
| C114 | VE-30000353 | EL CAP. | 100uF 25V M |
| C115 | VE-30007858 | MKT CAP. | 470NF AC275V M |
| C118 | VE-30007755 | MKT CAP. | 680uF AC275V M |
| C119 | VE-30007754 | MKP CAP. | 1uF 400V |
| C120 | VE-30007753 | MKP CAP. | 1NF 1KV |
| C121 | VE-30013690 | EL CAP. | 220uF 450V M |
| C122 | VE-30000447 | C CAP. | 4.7NF 4KV M E |
| C124 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| C125 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| C130 | VE-30007708 | C CAP. | 1NF 1KV K |
| C131 | VE-30006909 | EL CAP. | 100uF M 250V |
| C132 | VE-30007750 | EL CAP. | 470uF 35V |
| C133 | VE-30000409 | EL CAP. | 470uF 25V M |
| C134 | VE-30007750 | EL CAP. | 470uF 35V |
| C135 | VE-30007748 | EL CAP. | 1000uF 35V M |
| C136 | VE-30007748 | EL CAP. | 1000uF 35V M |
| C137 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| C138 | VE-30000224 | SMD CAP. | 220PF 50V J |
| C139 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| C140 | VE-30000360 | EL CAP. | 1000uF 25V M |
| C141 | VE-30000352 | EL CAP. | 100uF 16V M |
| C142 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C143 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C144 | VE-30000352 | EL CAP. | 100uF 16V M |
| C145 | VE-30000309 | SMD CAP. | 2.2NF 50V K R |
| C146 | VE-30000359 | EL CAP. | 1000uF 16V M |
| C147 | VE-30000359 | EL CAP. | 1000uF 16V M |
| C148 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C149 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C150 | VE-30000352 | EL CAP. | 100uF 16V M |
| C151 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| C160 | VE-30007081 | EL CAP. | 4.7uF 50V M |
| C161 | VE-30007308 | C CAP. | 220PF 1KV K |
| C162 | VE-30007308 | C CAP. | 220PF 1KV K |
| C163 | VE-30009208 | C CAP. | 470PF 1KV K |
| C165 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| C166 | VE-30000400 | EL CAP. | 47uF 50V M |
| C167 | VE-30009208 | C CAP. | 470PF 1KV K |
| C168 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C170 | VE-30000352 | EL CAP. | 100uF 16V M |
| C171 | VE-30000352 | EL CAP. | 100uF 16V M |
| C172 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| C173 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| C201 | VE-30000360 | EL CAP. | 1000uF 25V M |
| C202 | VE-30000106 | MKT CAP. | 47NF 100V J |
| C203 | VE-30000099 | MKT CAP. | 33NF 63V J |
| C204 | VE-30000345 | EL CAP. | 10uF 50V M |
| C206 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| C207 | VE-30000362 | EL CAP. | 1uF 50V M |
| C208 | VE-30000415 | EL CAP. | 4.7uF 250V M |
| C209 | VE-30000224 | SMD CAP. | 220PF 50V J |
| C210 | VE-30000149 | MKP CAP. | 2.7NF 2KV 3.5% |
| C211 | VE-30000179 | MKP CAP. | 9.1NF 1600V 3.5% |
| C212 | VE-30000137 | MKP CAP. | 15NF 630V J |
| C213 | VE-30007215 | MKP CAP. | 1.2uF 250V J |
| C214 | VE-30000415 | EL CAP. | 4.7uF 250V M |
| C215 | VE-30000166 | MKP CAP. | 560NF 250V J |
| C216 | VE-30000415 | EL CAP. | 4.7uF 250V M |
| C222 | VE-30000431 | C CAP. | 100PF 1KV M |
| C223 | VE-30000351 | EL CAP. | 10uF 350V M |
| C225 | VE-30000359 | EL CAP. | 1000uF 16V M |
| C226 | VE-30000356 | EL CAP. | 100uF 63V M |
| C228 | VE-30000360 | EL CAP. | 1000uF 25V M |
| C232 | VE-30000225 | C CAP. | 220PF 50V J S |
| C240 | VE-30000400 | EL CAP. | 47uF 50V M |

[AV28BHT7EPS / AV27BH7EPB]

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|---------------|-------------|
| CAPACITOR | | | | |
| C250 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | |
| C251 | VE-30000359 | EL CAP. | 1000UF 16V M | |
| C252 | VE-30000289 | SMD CAP. | 10NF 50V K R | |
| C253 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C254 | VE-30000360 | EL CAP. | 1000UF 25V M | |
| C255 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C256 | VE-30000092 | MKT CAP. | 220NF 63V J | |
| C257 | VE-30000304 | SMD CAP. | 1.8NF 50V K R | |
| C258 | VE-30000322 | SMD CAP. | 3.3NF 50V K | |
| C305 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C313 | VE-30000189 | SMD CAP. | 100PF 50V J | |
| C321 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C322 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C324 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C333 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C402 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C403 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C404 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C405 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C406 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C407 | VE-30000312 | SMD CAP. | 22NF 50V K | |
| C408 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C409 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C410 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C411 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C412 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C413 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C414 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C417 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C418 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C419 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C424 | VE-30000387 | EL CAP. | 33UF 50V M | |
| C427 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C428 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C430 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C440 | VE-30000400 | EL CAP. | 47UF 50V M | |
| C441 | VE-30000220 | SMD CAP. | 22PF 50V J | |
| C442 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C443 | VE-30013411 | SMD CAP. | 180PF 50V J | |
| C450 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C451 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C453 | VE-30000355 | EL CAP. | 100UF 50V M | |
| C454 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C456 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C457 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C468 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C478 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C479 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C492 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C493 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C494 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C496 | VE-30000413 | EL CAP. | 4.7UF 50V M | |
| C497 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C498 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C499 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C500 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C505 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C506 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C509 | VE-30000186 | SMD CAP. | 10PF 50V D | |
| C510 | VE-30000186 | SMD CAP. | 10PF 50V D | |
| C511 | VE-30000341 | SMD CAP. | 68NF 50V K | |
| C610 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C801 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C802 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C803 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C804 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C805 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C806 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C807 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C808 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C809 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C819 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C820 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C821 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C822 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C900 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C901 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C902 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C903 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C904 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C905 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C906 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C907 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C908 | VE-30016654 | SMD CAP. | 100NF 16V K R | |

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|------------------------|----------------|-------------|
| CAPACITOR | | | | |
| C909 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C910 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C911 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C912 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C913 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C914 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C915 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C931 | VE-30000257 | C CAP. | 470PF 50V J SL | |
| C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| TRANS F | | | | |
| ▲ TR101 | VE-30016819 | SMPS TRF | | |
| ▲ TR201 | VE-30006743 | TRF. HORIZONTAL DRIVER | | |
| ▲ TR202 | VE-30016922 | FBT TRF | | |
| COIL | | | | |
| L101 | VE-30006712 | FERRITE BEAD | | |
| L102 | VE-30007775 | PFC COIL | 1MH 1KHZ 2A | |
| ▲ L103 | VE-30006744 | LINE FILTER | 16MH | |
| ▲ L104 | VE-30006744 | LINE FILTER | 16MH | |
| L106 | VE-30006712 | FERRITE BEAD | | |
| L107 | VE-30001960 | FERIT BAR | | |
| L108 | VE-30001960 | FERIT BAR | | |
| L109 | VE-30001960 | FERIT BAR | | |
| L201 | VE-30007771 | FIXED COIL | | |
| L202 | VE-30007757 | COIL INJECTION EW | 100UH | |
| L203 | VE-30007770 | FILTER COIL | 6MH | |
| L204 | VE-30012271 | LINEARTY COIL | 1MH | |
| L205 | VE-30007756 | BRIDGE COIL | 4.3UH | |
| L206 | VE-30006712 | FERRITE BEAD | 150UH 32KHZ | |
| L207 | VE-30006712 | FERRITE BEAD | | |
| L304 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L401 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L403 | VE-30001979 | FIXED COIL | 1UH Q45 M-A | |
| L405 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L420 | VE-30001996 | FIXED COIL | 22UH Q40 K | |
| L421 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L422 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L423 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L425 | VE-30001971 | FERRITE BEAD | | |
| L801 | VE-30002170 | COIL FTZ/RAD | | |
| L802 | VE-30002170 | COIL FTZ/RAD | | |
| L900 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L901 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L902 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L903 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L904 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L905 | VE-30001984 | FIXED COIL | 2.2UH Q55 M-AK | |
| L906 | VE-30002171 | CHOKE PEAKING COIL | 22UH K | |
| DIODE | | | | |
| D101 | VE-30001285 | DIODE | | |
| D102 | VE-30001291 | DIODE | | |
| D103 | VE-30007768 | DIODE | | |
| D104 | VE-30007768 | DIODE | | |
| D105 | VE-30007768 | DIODE | | |
| D106 | VE-30007758 | BRIDGE DIODE | | |
| D108 | VE-30001318 | DIODE | | |
| D109 | VE-30009699 | ZENER DIODE | | |
| D110 | VE-20063054 | DIODE | | |
| D111 | VE-30001299 | DIODE | | |
| D112 | VE-30001302 | DIODE | | |
| D113 | VE-30001302 | DIODE | | |
| D114 | VE-30001302 | DIODE | | |
| D115 | VE-30001285 | DIODE | | |
| D116 | VE-30007760 | ZENER DIODE | | |
| D117 | VE-30001285 | DIODE | | |
| D118 | VE-30007760 | ZENER DIODE | | |

[AV28BHT7EPS / AV27BH7EPB]

| ▲ | Symbol No. | Part No. | Part Name | Description |
|--------------|------------|-------------|-------------|-------------|
| DIODE | | | | |
| | D119 | VE-30001284 | DIODE | |
| | D120 | VE-30001291 | DIODE | |
| | D121 | VE-30001318 | DIODE | |
| | D122 | VE-30001318 | DIODE | |
| | D123 | VE-30001285 | DIODE | |
| | D126 | VE-30001284 | DIODE | |
| | D127 | VE-30001284 | DIODE | |
| | D128 | VE-30001284 | DIODE | |
| | D201 | VE-30001291 | DIODE | |
| | D202 | VE-30001285 | DIODE | |
| | D203 | VE-30007760 | ZENER DIODE | |
| | D205 | VE-30007763 | ZENER DIODE | |
| | D206 | VE-30007678 | DIODE GUC | |
| | D207 | VE-30007768 | DIODE | |
| | D208 | VE-30001291 | DIODE | |
| | D209 | VE-30001291 | DIODE | |
| | D210 | VE-30001299 | DIODE | |
| | D211 | VE-30001299 | DIODE | |
| | D212 | VE-30001291 | DIODE | |
| | D213 | VE-30001291 | DIODE | |
| | D214 | VE-30007763 | ZENER DIODE | |
| | D215 | VE-30007762 | ZENER DIODE | |
| | D216 | VE-30001285 | DIODE | |
| | D218 | VE-30001291 | DIODE | |
| | D219 | VE-30001291 | DIODE | |
| | D220 | VE-30001284 | DIODE | |
| | D221 | VE-30001284 | DIODE | |
| | D222 | VE-30001284 | DIODE | |
| | D223 | VE-30001285 | DIODE | |
| | D224 | VE-30001285 | DIODE | |
| | D225 | VE-30001318 | DIODE | |
| | D401 | VE-30001285 | DIODE | |
| | D402 | VE-30001285 | DIODE | |
| | D403 | VE-30001285 | DIODE | |
| | D900 | VE-30012412 | ZENER DIODE | |
| | D901 | VE-30007761 | ZENER DIODE | |

| ▲ | Symbol No. | Part No. | Part Name | Description |
|-------------------|------------|-------------|-----------|-------------|
| TRANSISTOR | | | | |
| | Q101 | VE-30007801 | TR | |
| | Q103 | VE-30007802 | TR | |
| | Q104 | VE-30007798 | TR | |
| | Q105 | VE-30007798 | TR | |
| | Q106 | VE-30007802 | TR | |
| | Q107 | VE-30007798 | TR | |
| | Q108 | VE-30007798 | TR | |
| | Q109 | VE-30001457 | TR | |
| | Q110 | VE-30001457 | TR | |
| | Q112 | VE-30001454 | TR | |
| | Q113 | VE-30001428 | TR | |
| | Q201 | VE-30007802 | TR | |
| | Q202 | VE-30016686 | TR | |
| | Q203 | VE-30001458 | TR | |
| | Q204 | VE-30001458 | TR | |
| | Q205 | VE-30007799 | TR | |
| | Q206 | VE-30001457 | TR | |
| | Q207 | VE-30001457 | TR | |
| | Q208 | VE-30001455 | TR | |
| | Q401 | VE-30001457 | TR | |
| | Q403 | VE-30001457 | TR | |
| | Q405 | VE-30001457 | TR | |
| | Q406 | VE-30001457 | TR | |
| | Q408 | VE-30007800 | TR | |
| | Q415 | VE-30001457 | TR | |
| | Q801 | VE-30001457 | TR | |
| | Q802 | VE-30001457 | TR | |
| | Q900 | VE-30001458 | TR | |
| | Q901 | VE-30001457 | TR | |
| | Q902 | VE-30001457 | TR | |
| | Q903 | VE-30001457 | TR | |
| | Q904 | VE-30001457 | TR | |
| | Q905 | VE-30001457 | TR | |
| | Q906 | VE-30001457 | TR | |
| | Q907 | VE-30001457 | TR | |
| | Q908 | VE-30001457 | TR | |
| | Q909 | VE-30001458 | TR | |
| | Q910 | VE-30001457 | TR | |
| | Q911 | VE-30001457 | TR | |

| ▲ | Symbol No. | Part No. | Part Name | Description |
|---|------------|-------------|-----------|-------------|
| | IC101 | VE-30007442 | IC | |
| | IC102 | VE-30015087 | IC | |

| ▲ | Symbol No. | Part No. | Part Name | Description |
|---------------|------------|-------------|--------------|---------------------|
| IC | | | | |
| | IC103 | VE-30001506 | IC | |
| | IC104 | VE-30007444 | IC | |
| | IC105 | VE-30001500 | IC | |
| | IC106 | VE-30001668 | IC | |
| | IC201 | VE-30007793 | IC | |
| | IC202 | VE-30001506 | IC | |
| | IC302 | VE-30015382 | IC(MEMORY) | |
| | IC304 | VE-30016491 | IC | |
| | IC401 | VE-30001494 | IC | |
| | IC801 | VE-30007794 | IC | |
| | IC802 | VE-30007794 | IC | |
| | IC900 | VE-30013571 | IC(MYCOM) | |
| OTHERS | | | | |
| | F101 | VE-20000849 | FUSE ASSY | 3.15A |
| | F102 | VE-30009037 | FUSE | 6.3A |
| | F103 | VE-30009037 | FUSE | 6.3A |
| | RL2 | VE-30002183 | RELAY | |
| | \$133 | VE-30000575 | SMD RES. | 1/10W 2K J |
| | T401 | VE-30001724 | SER FILTER | |
| | T402 | VE-30001726 | SER FILTER | |
| | TU401 | VE-30009637 | TUNER | |
| | VL401 | VE-30002036 | ADJ COIL VIF | |
| | VR127 | VE-30001041 | ADJ RES. | 0.15W 1K M VER |
| | VR401 | VE-30001069 | ADJ RES. | 0.15W 47K VER (MAN) |
| | X900 | VE-30006662 | XTAL | 6MHz |
| | Z401 | VE-30001706 | SAW FILTER | |
| | Z403 | VE-30001692 | SAW FILTER | |

**MULTISOUND P.W. BOARD ASS'Y
(VE-30017302)**

Refer to PARTS LIST in page 27 for this P.W. board.

FEATURE BOX P.W. BOARD ASS'Y (VE-30013755)

Refer to PARTS LIST in page 29 for this P.W. board.

CRT SOCKET P.W. BOARD ASS'Y (VE-30017303)

Refer to PARTS LIST in page 30 for this P.W. board.

**FRONT CONTROL P.W. BOARD ASS'Y
(VE-30017014)**

Refer to PARTS LIST in page 31 for this P.W. board.

**FRONT AV + HEADPHONE JACK P.W. BOARD
ASS'Y (VE-30016761)**

Refer to PARTS LIST in page 31 for this P.W. board.

PRINTED WIRING BOARD PARTS LIST

[AV28BH7EES / AV28BH7EEB]

MAIN P.W. BOARD ASS'Y (VE-20084594)

| Symbol No. | Part No. | Part Name | Description | Symbol No. | Part No. | Part Name | Description |
|-----------------|-------------|-----------|---------------|------------|-------------|-----------|--------------|
| RESISTOR | | | | | | | |
| R101 | VE-30000668 | SMD RES. | 1/10W 33K J | R242 | VE-30000784 | CF RES. | 1/4W 680K J |
| R102 | VE-30007782 | MF RES. | 1/4W 3.9M F | R245 | VE-30000466 | CF RES. | 1/4W 1K J |
| R103 | VE-30000855 | MF RES. | 1/4W 1M F | R246 | VE-30000752 | CF RES. | 1/4W 56K J |
| R104 | VE-30000668 | SMD RES. | 1/10W 33K J | R250 | VE-30000477 | CF RES. | 1/4W 100K J |
| R105 | VE-30000452 | CF RES. | 1/4W 10R J | R251 | VE-30000789 | SMD RES. | 1/10W 27K F |
| R106 | VE-30000664 | SMD RES. | 1/10W 3.3K J | R254 | VE-30000636 | SMD RES. | 1/10W 27K J |
| R107 | VE-30007019 | SMD RES. | 1/10W 10K F | R255 | VE-30001134 | MO RES. | 2W 2.2R J |
| R108 | VE-30007784 | MO RES. | 5W 33K J | R256 | VE-30001100 | MO RES. | 1W 150R J |
| R109 | VE-30001270 | PTC | 9 OHM | R257 | VE-30001173 | MO RES. | 1W 0.47R J |
| R116 | VE-30001171 | MO RES. | 2W 4.7K J | R260 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R117 | VE-30001257 | MG RES. | 1/2W 4.7M J | R261 | VE-30000778 | SMD RES. | 1/10W 6.8K J |
| R118 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R262 | VE-30001237 | FUSE RES. | 1/2W 3.3R J |
| R119 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R264 | VE-30001077 | MO RES. | 2W 10R J |
| R120 | VE-30000814 | SMD RES. | 1/10W 820R J | R270 | VE-30000541 | CF RES. | 1/4W 1.5M J |
| R122 | VE-30000469 | SMD RES. | 1/10W 1K J | R271 | VE-30000744 | CF RES. | 1/4W 560R J |
| R123 | VE-30000469 | SMD RES. | 1/10W 1K J | R272 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R124 | VE-30000480 | SMD RES. | 1/10W 100K J | R280 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R125 | VE-30000927 | MF RES. | 1/4W 220K J | R281 | VE-30000480 | SMD RES. | 1/10W 100K J |
| R126 | VE-30000664 | SMD RES. | 1/10W 3.3K J | R318 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R127 | VE-30000469 | SMD RES. | 1/10W 1K J | R322 | VE-30000594 | CF RES. | 1/4W 22K J |
| R128 | VE-30000536 | CF RES. | 1/4W 150K J | R323 | VE-30000459 | CF RES. | 1/4W 100R J |
| R129 | VE-30007019 | SMD RES. | 1/10W 10K F | R324 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R130 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R327 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R134 | VE-30000469 | SMD RES. | 1/10W 1K J | R360 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R135 | VE-30007790 | SMD RES. | 1/10W 4.3K F | R361 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R136 | VE-30000774 | SMD RES. | 1/10W 680R J | R362 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R137 | VE-30007021 | SMD RES. | 1/10W 1K F | R363 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R138 | VE-30007786 | SMD RES. | 1/10W 2.55K F | R364 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R139 | VE-30000774 | SMD RES. | 1/10W 680R J | R365 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R140 | VE-30000459 | CF RES. | 1/4W 100R J | R366 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R141 | VE-30000475 | SMD RES. | 1/10W 10K J | R367 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R142 | VE-30000475 | SMD RES. | 1/10W 10K J | R368 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R143 | VE-30007021 | SMD RES. | 1/10W 1K F | R369 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R144 | VE-30007788 | SMD RES. | 1/10W 2.7K F | R370 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R145 | VE-30000732 | SMD RES. | 1/10W 470K J | R371 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R146 | VE-30000469 | SMD RES. | 1/10W 1K J | R372 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R148 | VE-30014023 | FUSE RES. | 1/2W 0.1R J | R373 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R149 | VE-30007204 | MF RES. | 1/2W 1.5M F | R374 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R150 | VE-30007783 | FUSE RES. | 1/4W 2.2R J | R375 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R151 | VE-30014023 | FUSE RES. | 1/2W 0.1R J | R376 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R152 | VE-30000659 | SMD RES. | 1/10W 330R J | R378 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R153 | VE-30012649 | SMD RES. | 1/10W 150R J | R379 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R154 | VE-30012984 | SMD RES. | 1/10W 91R J | R380 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R155 | VE-30000712 | CF RES. | 1/4W 470R J | R381 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R156 | VE-30001089 | MO RES. | 2W 1R J | R382 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R157 | VE-30000534 | SMD RES. | 1/10W 15K J | R383 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R158 | VE-30000475 | SMD RES. | 1/10W 10K J | R384 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R159 | VE-30000480 | SMD RES. | 1/10W 100K J | R385 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R160 | VE-30006923 | SMD RES. | 1/10W 4.3K J | R387 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R202 | VE-30007779 | MO RES. | 5W 47R J | R397 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R203 | VE-30000534 | SMD RES. | 1/10W 15K J | R398 | VE-30000659 | SMD RES. | 1/10W 330R J |
| R205 | VE-30001004 | MF RES. | 1/2W 0.56R J | R411 | VE-30000747 | SMD RES. | 1/10W 560R J |
| R206 | VE-30001079 | MO RES. | 1W 100R J | R412 | VE-30000721 | SMD RES. | 1/10W 4.7K J |
| R210 | VE-30000583 | CF RES. | 1/4W 220R J | R413 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R211 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R414 | VE-30000469 | SMD RES. | 1/10W 1K J |
| R212 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R415 | VE-30000517 | SMD RES. | 1/10W 15R J |
| R213 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R416 | VE-30000717 | SMD RES. | 1/10W 470R J |
| R214 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R421 | VE-30000563 | SMD RES. | 1/10W 1.8K J |
| R215 | VE-30000721 | SMD RES. | 1/10W 4.7K J | R422 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R216 | VE-30000631 | SMD RES. | 1/10W 2.7K J | R424 | VE-30000721 | SMD RES. | 1/10W 1K F |
| R217 | VE-30000593 | SMD RES. | 1/10W 2.2K J | R425 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R218 | VE-30000480 | SMD RES. | 1/10W 100K J | R428 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R220 | VE-30000590 | CF RES. | 1/4W 2.2K J | R429 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R225 | VE-30001086 | MO RES. | 2W 10K J | R436 | VE-30000735 | SMD RES. | 1/10W 4.7R J |
| R226 | VE-30001168 | MO RES. | 2W 470R J | R440 | VE-30000614 | SMD RES. | 1/10W 2.4K J |
| R227 | VE-30000469 | SMD RES. | 1/10W 1K J | R441 | VE-30000475 | SMD RES. | 1/10W 10K J |
| R228 | VE-30000475 | SMD RES. | 1/10W 10K J | R445 | VE-30000814 | SMD RES. | 1/10W 820R J |
| R229 | VE-30000727 | SMD RES. | 1/10W 47K J | R475 | VE-30000524 | SMD RES. | 1/10W 150R J |
| R230 | VE-30000902 | MF RES. | 1/4W 1.8K F | R480 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R231 | VE-30001229 | FUSE RES. | 1W 2.2R J | R490 | VE-30000466 | CF RES. | 1/4W 1K J |
| R232 | VE-30000477 | CF RES. | 1/4W 100K J | R492 | VE-30000503 | SMD RES. | 1/10W 12K J |
| R233 | VE-30001244 | FUSE RES. | 0.47R 1/2W J | R506 | VE-30012695 | SMD RES. | 1/10W 470R J |
| R234 | VE-30009036 | FUSE RES. | 1/2W 0.1R J | R509 | VE-30000797 | SMD RES. | 1/10W 75R J |
| R235 | VE-30000668 | SMD RES. | 1/10W 33K J | R510 | VE-30000721 | SMD RES. | 1/10W 1K F |
| R236 | VE-30000718 | CF RES. | 1/4W 4.7K J | R511 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R237 | VE-30001244 | FUSE RES. | 0.47R 1/2W J | R512 | VE-30000464 | SMD RES. | 1/10W 100R J |
| R238 | VE-30000729 | CF RES. | 1/4W 470K J | R513 | VE-30000457 | SMD RES. | 1/10W 10R J |
| R239 | VE-30001089 | MO RES. | 2W 1R J | R518 | VE-30000735 | SMD RES. | 1/10W 4.7R J |
| R240 | VE-30000469 | SMD RES. | 1/10W 1K J | R801 | VE-30000718 | CF RES. | 1/4W 4.7K J |
| R241 | VE-30000818 | SMD RES. | 1/10W 8.2K J | R802 | VE-30000718 | CF RES. | 1/4W 4.7K J |

[AV28BH7EES / AV28BH7EEB]

| Symbol No. | Part No. | Part Name | Description | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|-----------|--------------|------------|-------------|-----------|------------------|
| RESISTOR | | | | | | | |
| R803 | VE-30000628 | CF RES. | 1/4W 2.7K J | C106 | VE-30000332 | SMD CAP. | 4.7NF 50V K |
| R804 | VE-30000475 | SMD RES. | 1/10W 10K J | C107 | VE-30000263 | SMD CAP. | 56PF 50V J CH |
| R805 | VE-30000534 | SMD RES. | 1/10W 15K J | C108 | VE-30000123 | PP CAP. | 33NF 630V K |
| R806 | VE-30000531 | CF RES. | 1/4W 15K J | C109 | VE-30000159 | MKP CAP. | 4.7NF 1.6KV J |
| R807 | VE-30000567 | SMD RES. | 1/10W 18K J | C110 | VE-30009208 | C CAP. | 470PF 1KV K |
| R808 | VE-30000734 | CF RES. | 1/4W 4.7K J | C111 | VE-30000131 | MKP CAP. | 100NF 250V J |
| R809 | VE-30000717 | SMD RES. | 1/10W 470R J | △ C112 | VE-30000094 | MKT CAP. | 220NF AC275V M |
| R810 | VE-30000564 | CF RES. | 1/4W 18K J | C114 | VE-30000353 | EL CAP. | 100UF 25V M |
| R811 | VE-30000717 | SMD RES. | 1/10W 470R J | △ C115 | VE-30007858 | MKT CAP. | 470NF 25V M |
| R812 | VE-30000734 | CF RES. | 1/4W 4.7R J | △ C118 | VE-30007755 | MKT CAP. | 680NF AC275V M |
| R813 | VE-30000475 | SMD RES. | 1/10W 10K J | C119 | VE-30007754 | MKP CAP. | 1UF 400V |
| R819 | VE-30000734 | CF RES. | 1/4W 4.7R J | C120 | VE-30007753 | MKP CAP. | 1NF 1KV |
| R820 | VE-30000734 | CF RES. | 1/4W 4.7R J | C121 | VE-30013690 | EL CAP. | 220UF 450V M |
| R900 | VE-30012641 | SMD RES. | 1/10W 10K J | △ C122 | VE-30000447 | C CAP. | 4.7NF 4KV M E |
| R901 | VE-30012641 | SMD RES. | 1/10W 10K J | C124 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R902 | VE-30012641 | SMD RES. | 1/10W 10K J | C125 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R903 | VE-30000718 | CF RES. | 1/4W 4.7K J | C130 | VE-30007708 | C CAP. | 1NF 1KV K |
| R904 | VE-30000718 | CF RES. | 1/4W 4.7K J | C131 | VE-30006909 | EL CAP. | 100UF M 250V |
| R905 | VE-30000723 | CF RES. | 1/4W 47K J | C132 | VE-30007750 | EL CAP. | 470UF 35V |
| R906 | VE-30012696 | SMD RES. | 1/10W 47K J | C133 | VE-30000409 | EL CAP. | 470UF 25V M |
| R907 | VE-30012679 | SMD RES. | 1/10W 3.9K J | C134 | VE-30007750 | EL CAP. | 470UF 35V |
| R908 | VE-30012679 | SMD RES. | 1/10W 3.9K J | C135 | VE-30007748 | EL CAP. | 1000UF 35V M |
| R909 | VE-30000531 | CF RES. | 1/4W 15K J | C136 | VE-30007748 | EL CAP. | 1000UF 35V M |
| R910 | VE-30000531 | CF RES. | 1/4W 15K J | C137 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R911 | VE-30012641 | SMD RES. | 1/10W 10K J | C138 | VE-30000224 | SMD CAP. | 220PF 50V J |
| R912 | VE-30000471 | CF RES. | 1/4W 10K J | C139 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R913 | VE-30012641 | SMD RES. | 1/10W 10K J | C140 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R914 | VE-30000471 | CF RES. | 1/4W 10K J | C141 | VE-30000352 | EL CAP. | 100UF 16V M |
| R915 | VE-30000471 | CF RES. | 1/4W 10K J | C142 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R916 | VE-30012695 | SMD RES. | 1/10W 470R J | C143 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R917 | VE-30012987 | SMD RES. | 1/10W 56R J | C144 | VE-30000352 | EL CAP. | 100UF 16V M |
| R918 | VE-30012692 | SMD RES. | 1/10W 4.7K J | C145 | VE-30000309 | SMD CAP. | 2.7NF 50V K R |
| R919 | VE-30012657 | SMD RES. | 1/10W 1K J | C146 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R920 | VE-30012657 | SMD RES. | 1/10W 1K J | C147 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R921 | VE-30012657 | SMD RES. | 1/10W 1K J | C148 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R922 | VE-30012657 | SMD RES. | 1/10W 1K J | C149 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R923 | VE-30012657 | SMD RES. | 1/10W 1K J | C150 | VE-30000352 | EL CAP. | 100UF 16V M |
| R924 | VE-30012696 | SMD RES. | 1/10W 47K J | C151 | VE-30000284 | SMD CAP. | 1NF 50V K R |
| R925 | VE-30012696 | SMD RES. | 1/10W 47K J | C160 | VE-30007081 | EL CAP. | 4.7UF 50V M |
| R926 | VE-30012696 | SMD RES. | 1/10W 47K J | C161 | VE-30007308 | C CAP. | 220PF 1KV K |
| R927 | VE-30012696 | SMD RES. | 1/10W 47K J | C162 | VE-30007308 | C CAP. | 220PF 1KV K |
| R928 | VE-30012510 | SMD RES. | 1/10W 100R J | C163 | VE-30009208 | C CAP. | 470PF 1KV K |
| R929 | VE-30012510 | SMD RES. | 1/10W 100R J | C165 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| R930 | VE-30012641 | SMD RES. | 1/10W 10K J | C166 | VE-30000400 | EL CAP. | 47UF 50V M |
| R931 | VE-30012641 | SMD RES. | 1/10W 10K J | C167 | VE-30009208 | C CAP. | 470PF 1KV K |
| R932 | VE-30012641 | SMD RES. | 1/10W 10K J | C168 | VE-30000294 | SMD CAP. | 100NF 50V K |
| R933 | VE-30000718 | CF RES. | 1/4W 4.7K J | C170 | VE-30000352 | EL CAP. | 100UF 16V M |
| R934 | VE-30012692 | SMD RES. | 1/10W 4.7K J | C171 | VE-30000352 | EL CAP. | 100UF 16V M |
| R935 | VE-30012662 | SMD RES. | 1/10W 2.7K J | C172 | VE-30016654 | SMD CAP. | 100NF 16V K R |
| R936 | VE-30000718 | CF RES. | 1/4W 4.7K J | C173 | VE-30000315 | SMD CAP. | 220UF 25V Z |
| R937 | VE-30000459 | CF RES. | 1/4W 100R J | C201 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R938 | VE-30012509 | SMD RES. | 1/10W 100K J | C202 | VE-30000106 | MKT CAP. | 47NF 100V J |
| R939 | VE-30012692 | SMD RES. | 1/10W 4.7K J | C203 | VE-30000099 | MKT CAP. | 33NF 63V J |
| R940 | VE-30000500 | CF RES. | 1/4W 12K J | C204 | VE-30000345 | EL CAP. | 10UF 50V M |
| R941 | VE-30000588 | SMD RES. | 1/10W 220R J | C206 | VE-30000315 | SMD CAP. | 220NF 25V Z |
| R942 | VE-30000588 | SMD RES. | 1/10W 220R J | C207 | VE-30000362 | EL CAP. | 1UF 50V M |
| R943 | VE-30000471 | CF RES. | 1/4W 10K J | C208 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R944 | VE-30012641 | SMD RES. | 1/10W 10K J | C209 | VE-30000224 | SMD CAP. | 220PF 50V J |
| R945 | VE-30000471 | CF RES. | 1/4W 10K J | C210 | VE-30000149 | MKP CAP. | 2.7NF 2KV 3.5% |
| R946 | VE-30012657 | SMD RES. | 1/10W 1K J | C211 | VE-30000179 | MKP CAP. | 9.1NF 1600V 3.5% |
| R950 | VE-30012657 | SMD RES. | 1/10W 1K J | C212 | VE-30000137 | MKP CAP. | 15NF 630V J |
| R951 | VE-30012657 | SMD RES. | 1/10W 1K J | C213 | VE-30007215 | MKP CAP. | 1.2UF 250V J |
| R952 | VE-30012657 | SMD RES. | 1/10W 1K J | C214 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R953 | VE-30000466 | CF RES. | 1/4W 1K J | C215 | VE-30000166 | MKP CAP. | 560NF 250V J |
| R955 | VE-30012657 | SMD RES. | 1/10W 1K J | C216 | VE-30000415 | EL CAP. | 4.7UF 250V M |
| R956 | VE-30012510 | SMD RES. | 1/10W 100R J | C222 | VE-30000431 | C CAP. | 100PF 1KV M |
| R957 | VE-30012655 | SMD RES. | 1/10W 180R J | C223 | VE-30000351 | EL CAP. | 100F 350V M |
| R958 | VE-30014022 | SMD RES. | 1/10W 47R J | C225 | VE-30000359 | EL CAP. | 1000UF 16V M |
| R959 | VE-30000466 | CF RES. | 1/4W 1K J | C226 | VE-30000356 | EL CAP. | 100UF 63V M |
| R960 | VE-30000471 | CF RES. | 1/4W 10K J | C228 | VE-30000360 | EL CAP. | 1000UF 25V M |
| R961 | VE-30000718 | CF RES. | 1/4W 4.7K J | C232 | VE-30000225 | C CAP. | 220PF 50V J SL |
| R964 | VE-30012641 | SMD RES. | 1/10W 10K J | C240 | VE-30000400 | EL CAP. | 47UF 50V M |
| R965 | VE-30012657 | SMD RES. | 1/10W 1K J | C250 | VE-30000304 | SMD CAP. | 1.8NF 50V K R |
| R966 | VE-30012641 | SMD RES. | 1/10W 10K J | C251 | VE-30000359 | EL CAP. | 100UF 16V M |
| CAPACITOR | | | | | | | |
| C100 | VE-30000998 | MKT CAP. | 3.3NF 63V J | C252 | VE-30000289 | SMD CAP. | 10NF 50V K R |
| C101 | VE-30000371 | EL CAP. | 22UF 50V M | C253 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C102 | VE-30000294 | SMD CAP. | 100NF 50V K | C254 | VE-30000360 | EL CAP. | 100UF 25V M |
| C103 | VE-30000294 | SMD CAP. | 100NF 50V K | C255 | VE-30000294 | SMD CAP. | 100NF 50V K |
| C104 | VE-30012323 | MKT CAP. | 1NF 100V J | C256 | VE-30000092 | MKT CAP. | 220NF 63V J |
| C105 | VE-30000284 | SMD CAP. | 1NF 50V K R | C257 | VE-30000304 | SMD CAP. | 1.8NF 50V K R |
| | | | | C258 | VE-30000322 | SMD CAP. | 3.3NF 50V K |
| | | | | C305 | VE-30000294 | SMD CAP. | 100NF 50V K |
| | | | | C313 | VE-30000189 | SMD CAP. | 100PF 50V J |
| | | | | C321 | VE-30000352 | EL CAP. | 100UF 16V M |

[AV28BH7EES / AV28BH7EEB]

| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|----------|----------------|-------------|
| CAPACITOR | | | | |
| C322 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C324 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C333 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C402 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C403 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C404 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C405 | VE-30000284 | SMD CAP. | 1NF 50V K R | |
| C406 | VE-30000224 | SMD CAP. | 220PF 50V J | |
| C407 | VE-30000312 | SMD CAP. | 22NF 50V K | |
| C408 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C409 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C410 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C411 | VE-30000109 | MKT CAP. | 470NF 63V J | |
| C412 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C413 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C414 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C417 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C418 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C419 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C427 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C428 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C440 | VE-30000400 | EL CAP. | 47U 50V M | |
| C441 | VE-30000220 | SMD CAP. | 22PF 50V J | |
| C442 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C443 | VE-30013411 | SMD CAP. | 180PF 50V J | |
| C450 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C451 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C453 | VE-30000355 | EL CAP. | 100UF 50V M | |
| C454 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C455 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C456 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C457 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C468 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C478 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C492 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C497 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C498 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C499 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C500 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C505 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C506 | VE-30000345 | EL CAP. | 10U 50V M | |
| C509 | VE-30000186 | SMD CAP. | 10PF 50V D | |
| C510 | VE-30000186 | SMD CAP. | 10PF 50V D | |
| C511 | VE-30000341 | SMD CAP. | 68NF 50V K | |
| C610 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C801 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C802 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C803 | VE-30000362 | EL CAP. | 1UF 50V M | |
| C804 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C805 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C806 | VE-30000409 | EL CAP. | 470UF 25V M | |
| C807 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| C808 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C809 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C819 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C820 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C821 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C822 | VE-30000309 | SMD CAP. | 2.2NF 50V K R | |
| C900 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C901 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C902 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C903 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C904 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C905 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C906 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C907 | VE-30000074 | MKT CAP. | 100NF 63V J | |
| C908 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C909 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C910 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C911 | VE-30000352 | EL CAP. | 100UF 16V M | |
| C912 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C913 | VE-30012569 | SMD CAP. | 33PF 50V J | |
| C914 | VE-30000371 | EL CAP. | 22UF 50V M | |
| C915 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C916 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C917 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C918 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C919 | VE-30000375 | EL CAP. | 220UF 16V M | |
| C920 | VE-30000384 | EL CAP. | 2.2UF 50V M | |
| C921 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C926 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C927 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C930 | VE-30000345 | EL CAP. | 10UF 50V M | |
| C931 | VE-30000257 | C CAP. | 470PF 50V J SL | |

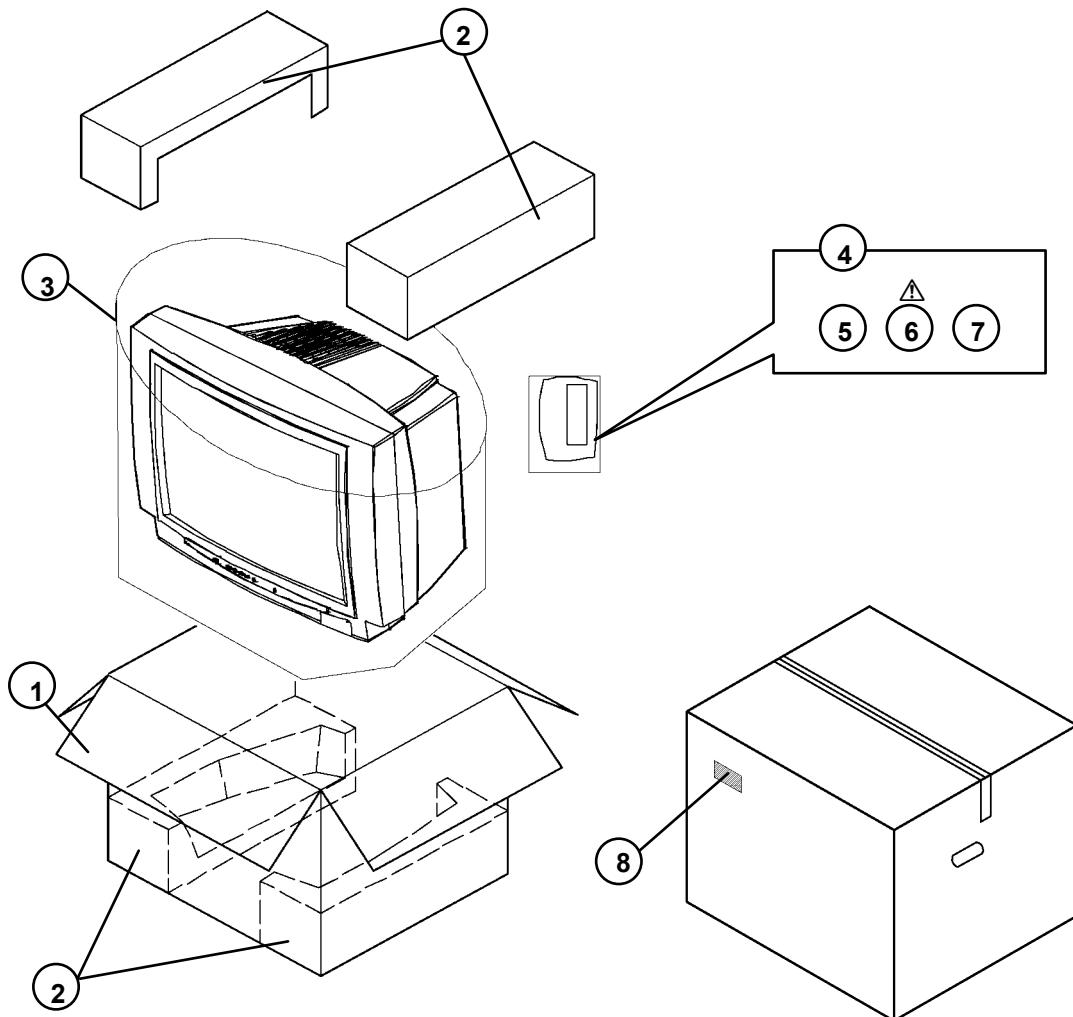
| △ | Symbol No. | Part No. | Part Name | Description |
|------------------|-------------|--------------------|------------------------|-------------|
| CAPACITOR | | | | |
| C932 | VE-30016654 | SMD CAP. | 100NF 16V K R | |
| C933 | VE-30000294 | SMD CAP. | 100NF 50V K | |
| TRANS F | | | | |
| △ | TR101 | VE-30016819 | SMPS TRF | |
| △ | TR201 | VE-30006743 | TRF. HORIZONTAL DRIVER | |
| △ | TR202 | VE-30016922 | FBT TRF | |
| COIL | | | | |
| L101 | VE-30006712 | FERRITE BEAD | | |
| L102 | VE-30007775 | PFC COIL | 1MH 1KHZ 2A | |
| △ | L103 | VE-30006744 | LINE FILTER | 16MH |
| △ | L104 | VE-30006744 | LINE FILTER | 16MH |
| L106 | VE-30006712 | FERRITE BEAD | | |
| L107 | VE-30001960 | FERIT BAR | | |
| L108 | VE-30001960 | FERIT BAR | | |
| L109 | VE-30001960 | FERIT BAR | | |
| L201 | VE-30007771 | FIXED COIL | 100UH | |
| L202 | VE-30007757 | COIL INJECTION EW | 6MH | |
| L203 | VE-30007770 | FILTER COIL | 1MH | |
| L204 | VE-30012271 | LINEARTY COIL | 4.3UH VOGT | |
| L205 | VE-30007756 | BRIDGE COIL | 150UH 32KHZ | |
| L206 | VE-30006712 | FERRITE BEAD | | |
| L207 | VE-30006712 | FERRITE BEAD | | |
| L304 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L401 | VE-30001986 | FIXED COIL | 3.3UH Q65 K | |
| L403 | VE-30001979 | FIXED COIL | 1UH Q45 M-A | |
| L405 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L420 | VE-30001996 | FIXED COIL | 22UH Q40 K | |
| L421 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L422 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L423 | VE-30001994 | FIXED COIL | 22UH J AXIAL | |
| L425 | VE-30001971 | FERRITE BEAT | | |
| L801 | VE-30002170 | COIL FTZ/RAD | | |
| L802 | VE-30002170 | COIL FTZ/RAD | | |
| L900 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L901 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L902 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L903 | VE-30001992 | FIXED COIL | 10UH Q65 K-A | |
| L904 | VE-30001987 | FIXED COIL | 4.7UH Q70 K-A | |
| L905 | VE-30001984 | FIXED COIL | 2.2UH Q55 M-AK | |
| L906 | VE-30002171 | CHOKE PEAKING COIL | 22UH K | |
| DIODE | | | | |
| D101 | VE-30001285 | DIODE | | |
| D102 | VE-30001291 | DIODE | | |
| D103 | VE-30007768 | DIODE | | |
| D104 | VE-30007768 | DIODE | | |
| D105 | VE-30007768 | DIODE | | |
| D106 | VE-30007758 | BRIDGE DIODE | | |
| D108 | VE-30001318 | DIODE | | |
| D109 | VE-30009699 | ZENER DIODE | | |
| D110 | VE-20063054 | DIODE | | |
| D111 | VE-30001299 | DIODE | | |
| D112 | VE-30001302 | DIODE | | |
| D113 | VE-30001302 | DIODE | | |
| D114 | VE-30001302 | DIODE | | |
| D115 | VE-30001285 | DIODE | | |
| D116 | VE-30007760 | ZENER DIODE | | |
| D117 | VE-30001285 | DIODE | | |
| D118 | VE-30007760 | ZENER DIODE | | |
| D119 | VE-30001284 | DIODE | | |
| D120 | VE-30001291 | DIODE | | |
| D121 | VE-30001318 | DIODE | | |
| D122 | VE-30001318 | DIODE | | |
| D123 | VE-30001285 | DIODE | | |
| D126 | VE-30001284 | DIODE | | |
| D127 | VE-30001284 | DIODE | | |
| D128 | VE-30001284 | DIODE | | |
| D201 | VE-30001291 | DIODE | | |
| D202 | VE-30001285 | DIODE | | |
| D203 | VE-30007760 | ZENER DIODE | | |
| D205 | VE-30007763 | ZENER DIODE | | |
| D206 | VE-30007678 | DIODE GUC | | |
| D207 | VE-30007668 | DIODE | | |
| D208 | VE-30001291 | DIODE | | |
| D209 | VE-30001291 | DIODE | | |
| D210 | VE-30001299 | DIODE | | |

[AV28BH7EES / AV28BH7EEB]

| ▲ | Symbol No. | Part No. | Part Name | Description | ▲ | Symbol No. | Part No. | Part Name | Description |
|-------------------|------------|-------------|-------------|-------------|---|---|-------------|--------------|----------------|
| DIODE | | | | | | | | | |
| | D211 | VE-30001299 | DIODE | | | F101 | VE-20000849 | FUSE ASSY | 3.15A |
| | D212 | VE-30001291 | DIODE | | | F102 | VE-30009037 | FUSE | 6.3A |
| | D213 | VE-30001291 | DIODE | | | F103 | VE-30009037 | FUSE | 6.3A |
| | D214 | VE-30007763 | ZENER DIODE | | | RL2 | VE-30002183 | RELAY | |
| | D215 | VE-30007762 | ZENER DIODE | | | S133 | VE-30000575 | SMD RES. | 1/10W 2K J |
| | D216 | VE-30001285 | DIODE | | | T401 | VE-30001724 | SER FILTER | |
| | D218 | VE-30001291 | DIODE | | | T402 | VE-30001726 | SER FILTER | |
| | D219 | VE-30001291 | DIODE | | | TU401 | VE-30009637 | TUNER | |
| | D220 | VE-30001284 | DIODE | | | VL401 | VE-30002037 | ADJ COIL VIF | |
| | D221 | VE-30001284 | DIODE | | | VR127 | VE-30001041 | ADJ RES. | 0.15W 1K M VER |
| | D222 | VE-30001284 | DIODE | | | X900 | VE-30006662 | XTAL | |
| | D223 | VE-30001285 | DIODE | | | Z401 | VE-30001706 | SAW FILTER | |
| | D224 | VE-30001285 | DIODE | | | Z403 | VE-30001692 | SAW FILTER | |
| | D225 | VE-30001318 | DIODE | | | | | | |
| | D403 | VE-30001285 | DIODE | | | | | | |
| | D900 | VE-30012412 | ZENER DIODE | | | | | | |
| | D901 | VE-30007761 | ZENER DIODE | | | | | | |
| TRANSISTOR | | | | | | | | | |
| | Q101 | VE-30007801 | TR | | | MULTISOUND P.W. BOARD ASS'Y (VE-30017302) | | | |
| | Q103 | VE-30007802 | TR | | | Refer to PARTS LIST in page 27 for this P.W. board. | | | |
| | Q104 | VE-30007798 | TR | | | | | | |
| | Q105 | VE-30007798 | TR | | | FEATURE BOX P.W. BOARD ASS'Y (VE-30013755) | | | |
| | Q106 | VE-30007802 | TR | | | Refer to PARTS LIST in page 29 for this P.W. board. | | | |
| | Q107 | VE-30007798 | TR | | | | | | |
| | Q108 | VE-30007798 | TR | | | CRT SOCKET P.W. BOARD ASS'Y (VE-30017303) | | | |
| | Q109 | VE-30001457 | TR | | | Refer to PARTS LIST in page 30 for this P.W. board. | | | |
| | Q110 | VE-30001457 | TR | | | | | | |
| | Q112 | VE-30001454 | TR | | | FRONT CONTROL P.W. BOARD ASS'Y (VE-30017014) | | | |
| | Q113 | VE-30001428 | TR | | | Refer to PARTS LIST in page 31 for this P.W. board. | | | |
| | Q201 | VE-30007802 | TR | | | | | | |
| | Q202 | VE-30016686 | TR | | | FRONT AV + HEADPHONE JACK P.W. BOARD ASS'Y (VE-30016761) | | | |
| | Q203 | VE-30001458 | TR | | | Refer to PARTS LIST in page 31 for this P.W. board. | | | |
| | Q204 | VE-30001458 | TR | | | | | | |
| | Q205 | VE-30007799 | TR | | | | | | |
| | Q206 | VE-30001457 | TR | | | | | | |
| | Q207 | VE-30001457 | TR | | | | | | |
| | Q208 | VE-30001455 | TR | | | | | | |
| | Q403 | VE-30001457 | TR | | | | | | |
| | Q408 | VE-30007800 | TR | | | | | | |
| | Q415 | VE-30001457 | TR | | | | | | |
| | Q801 | VE-30001457 | TR | | | | | | |
| | Q802 | VE-30001457 | TR | | | | | | |
| | Q900 | VE-30001458 | TR | | | | | | |
| | Q901 | VE-30001457 | TR | | | | | | |
| | Q902 | VE-30001457 | TR | | | | | | |
| | Q903 | VE-30001457 | TR | | | | | | |
| | Q904 | VE-30001457 | TR | | | | | | |
| | Q905 | VE-30001457 | TR | | | | | | |
| | Q906 | VE-30001457 | TR | | | | | | |
| | Q907 | VE-30001457 | TR | | | | | | |
| | Q908 | VE-30001457 | TR | | | | | | |
| | Q909 | VE-30001458 | TR | | | | | | |
| | Q910 | VE-30001457 | TR | | | | | | |
| | Q911 | VE-30001457 | TR | | | | | | |
| IC | | | | | | | | | |
| ▲ | IC101 | VE-30007442 | IC | | | | | | |
| | IC102 | VE-30015087 | IC | | | | | | |
| | IC103 | VE-30001506 | IC | | | | | | |
| | IC104 | VE-30007444 | IC | | | | | | |
| | IC105 | VE-30001500 | IC | | | | | | |
| | IC106 | VE-30001668 | IC | | | | | | |
| | IC201 | VE-30007793 | IC | | | | | | |
| | IC202 | VE-30001506 | IC | | | | | | |
| | IC302 | VE-30015382 | IC(MEMORY) | | | | | | |
| | IC304 | VE-30016491 | IC | | | | | | |
| | IC401 | VE-30001495 | IC | | | | | | |
| | IC801 | VE-30007794 | IC | | | | | | |
| | IC802 | VE-30007794 | IC | | | | | | |
| | IC900 | VE-30013571 | IC(MYCOM) | | | | | | |

AV28BH7ENS / AV28BH7ENB
 AV28BH7EPS / AV28BH7EPB
 AV28BH7EES / AV28BH7EEB

PACKING



PACKING PARTS LIST

| Ref. No. | Part No. | Part Name | Description |
|----------|------------------|------------------------------|------------------|
| 1 | VE-50023336 | F CARTON BOX | (AV28BH7ENS) |
| 1 | VE-50023328 | F CARTON BOX | (AV28BH7ENB) |
| 1 | VE-50023340 | F CARTON BOX | (AV28BH7EES) |
| 1 | VE-50023334 | F CARTON BOX | (AV28BH7EEB) |
| 1 | VE-50023338 | F CARTON BOX | (AV28BH7EPS) |
| 1 | VE-50023331 | F CARTON BOX | (AV28BH7EPB) |
| 2 | VE-20069214 / 15 | CUSHION ASS'Y | |
| 3 | VE-50020732 | POLY BAG (1400*1000) | |
| 4 | VE-70000587 | POLY BAG | |
| 5 | VE-30015781 | REMOTE CONTROL UNIT (RM-C85) | |
| 6 | VE-50023325 | INST BOOK | (AV28BH7ENS/ENB) |
| 6 | VE-50023332 | INST BOOK | (AV28BH7EES/EEB) |
| 6 | VE-50023329 | INST BOOK | (AV28BH7EPS/EPB) |
| 7 | BT-54013-2TK | WARRANTY CARD | |
| 8 | VE-20086449 | LABEL | (AV28BH7ENS) |
| 8 | VE-20086440 | LABEL | (AV28BH7ENB) |
| 8 | VE-20086455 | LABEL | (AV28BH7EES) |
| 8 | VE-20086446 | LABEL | (AV28BH7EEB) |
| 8 | VE-20086452 | LABEL | (AV28BH7EPS) |
| 8 | VE-20086443 | LABEL | (AV28BH7EPB) |

JVC

VICTOR COMPANY OF JAPAN, LIMITED

HOME AV NETWORK BUSINESS UNIT 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama, Kanagawa-prefecture, 221-8528, Japan

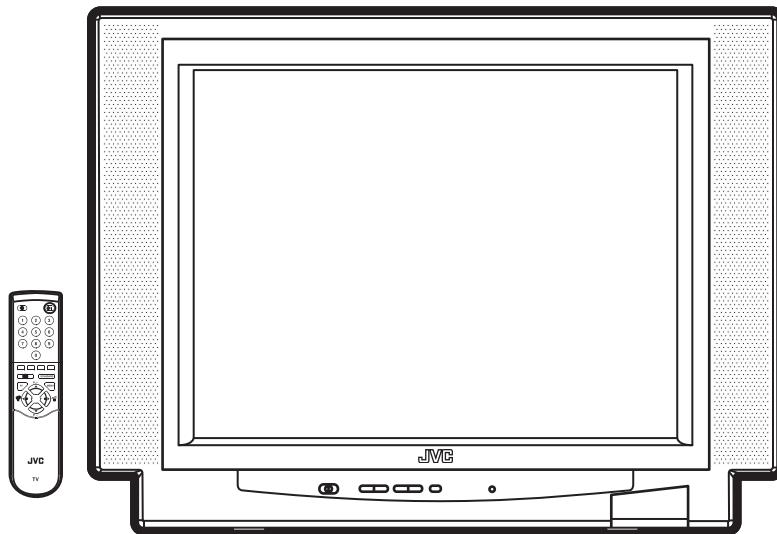
JVC

SCHEMATIC DIAGRAMS

COLOUR TELEVISION

**AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB**

CD-ROM No.SML200204



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CIRCUIT DIAGRAMS

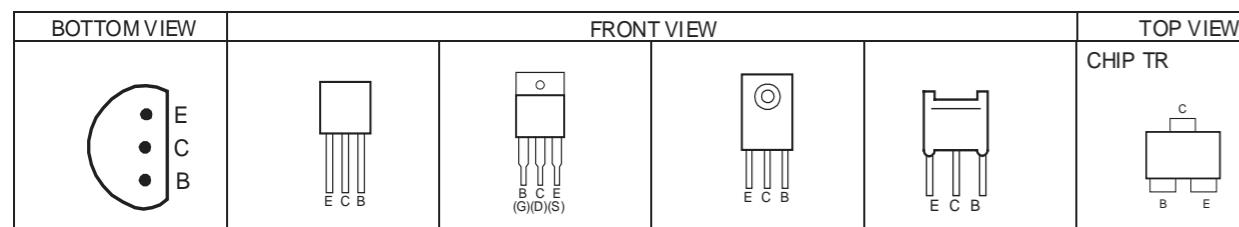
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PATTERN DIAGRAMS

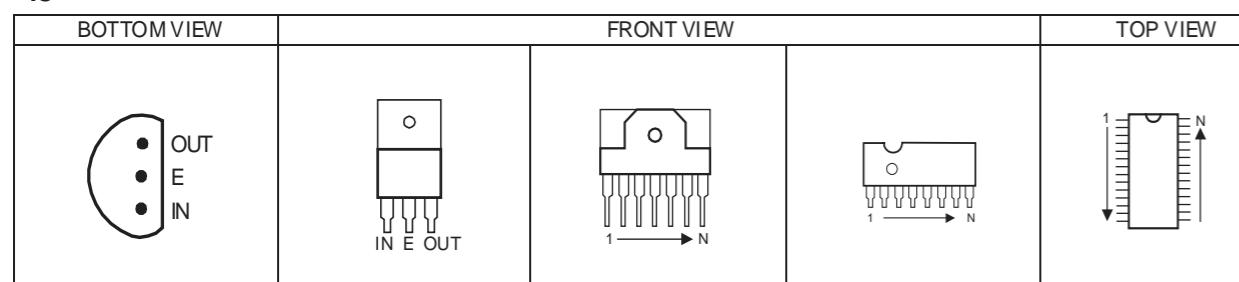
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SEMICONDUCTOR SHAPES

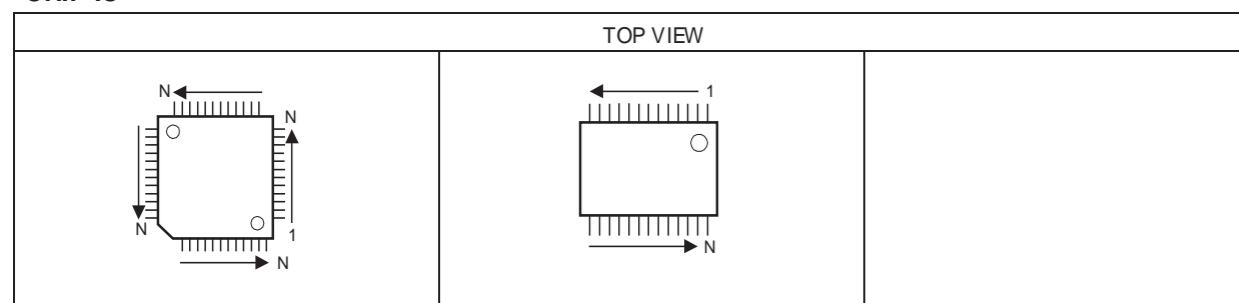
TRANSISTOR



IC



CHIP IC



AV28BH7ENS / AV28BH7ENB AV28BH7EPS / AV28BH7EPB AV28BH7EES / AV28BH7EEB

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1. SAFETY

The components identified by the \triangle symbol and shading are critical for safety. For continued safety replace safety critical components only with manufacturer's recommended parts.

2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1) Input signal : Colour bar signal
- (2) Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3) Internal resistance of tester : DC 20k Ω / V
- (4) Oscilloscope sweeping time : H \Rightarrow 20 μ s/div
V \Rightarrow 5ms/div
Others \Rightarrow Sweeping time is specified
- (5) Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3. INDICATIONS ON THE CIRCUIT DIAGRAM

(1) Resistors

● Resistance value

- No unit : Ω
- K : $K\Omega$
- M : $M\Omega$

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2) Capacitors

● Capacitance value

- 1 or higher : pF
- less than 1 : μ F

- Withstand voltage
 - No indication : DC50[V]
 - Others : DC withstand voltage [V]
 - AC indicated : AC withstand voltage [V]
- * Electrolytic Capacitors
47/50[Example]:Capacitance value [μ F]/withstand voltage[V]

- Type
 - No indication : Ceramic capacitor
 - MM : Metallized mylar capacitor
 - PP : Polypropylene capacitor
 - MPP : Metallized polypropylene capacitor
 - MF : Metallized film capacitor
 - TF : Thin film capacitor
 - BP : Bipolar electrolytic capacitor
 - TAN : Tantalum capacitor
- (3) Coils
 - No unit : μ H
 - Others : As specified

4. NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE side GND and the ISOLATED(NEUTRAL) side GND. Therefore, care must be taken for the following points.

- (1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

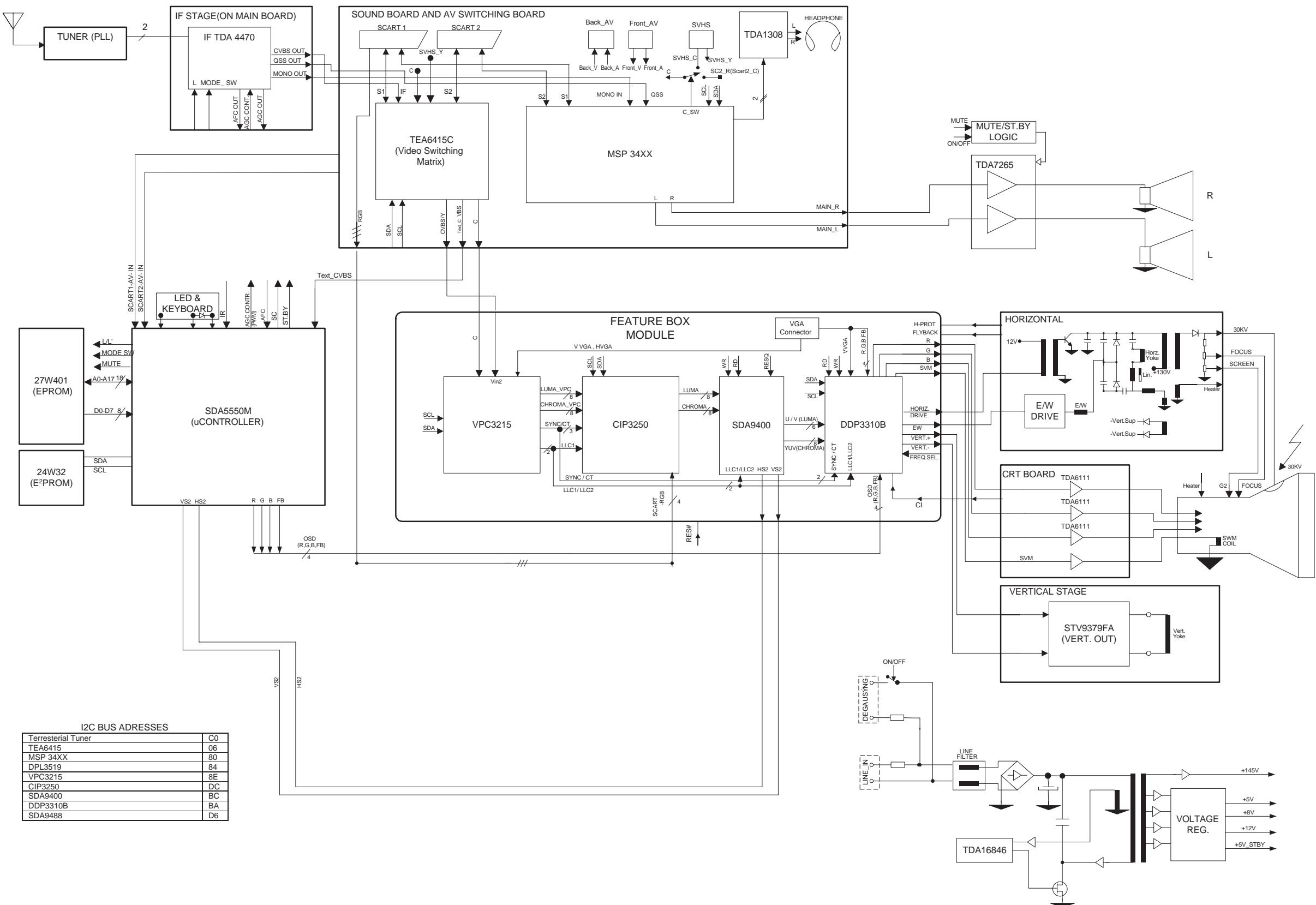
- (2) Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◇ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

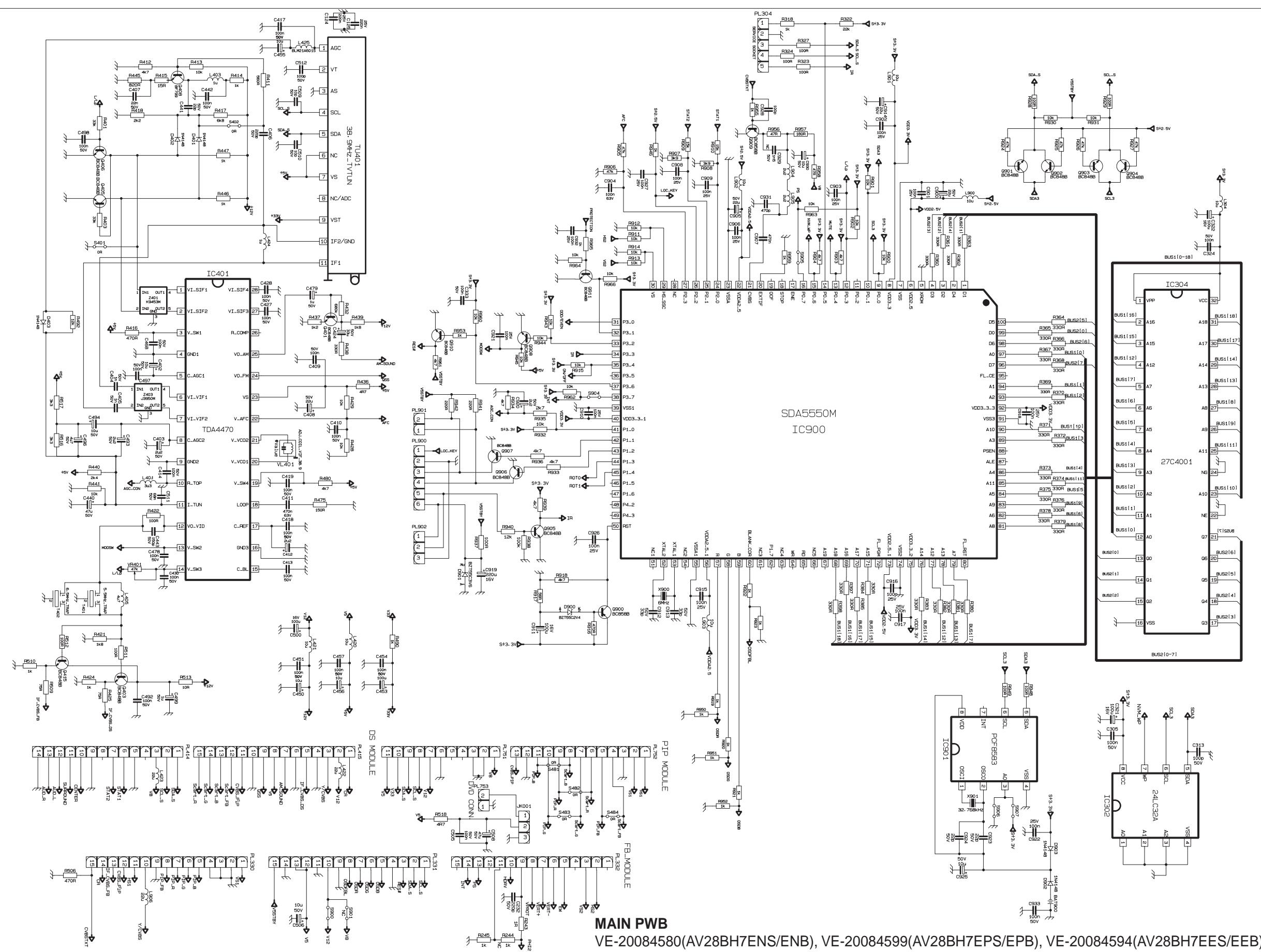
NOTE

- ◇ Due to improvement in performance, some part numbers shown in the circuit diagram may not agree with those indicated in the part list. When ordering parts, please use the numbers that appear in the Parts List.

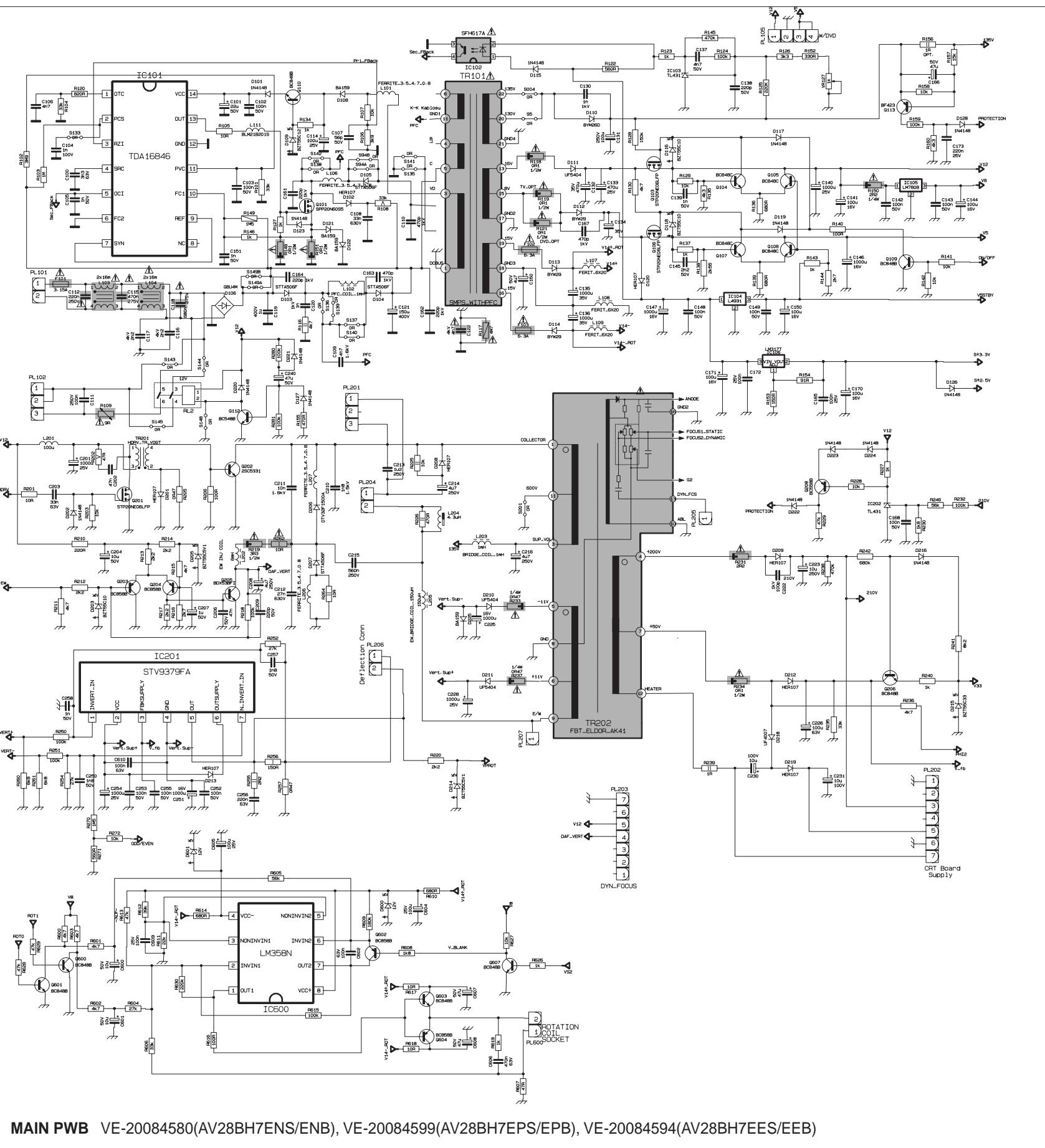
BLOCK DIAGRAM



CIRCUIT DIAGRAMS **MAIN PWB CIRCUIT DIAGRAM (1/3)**

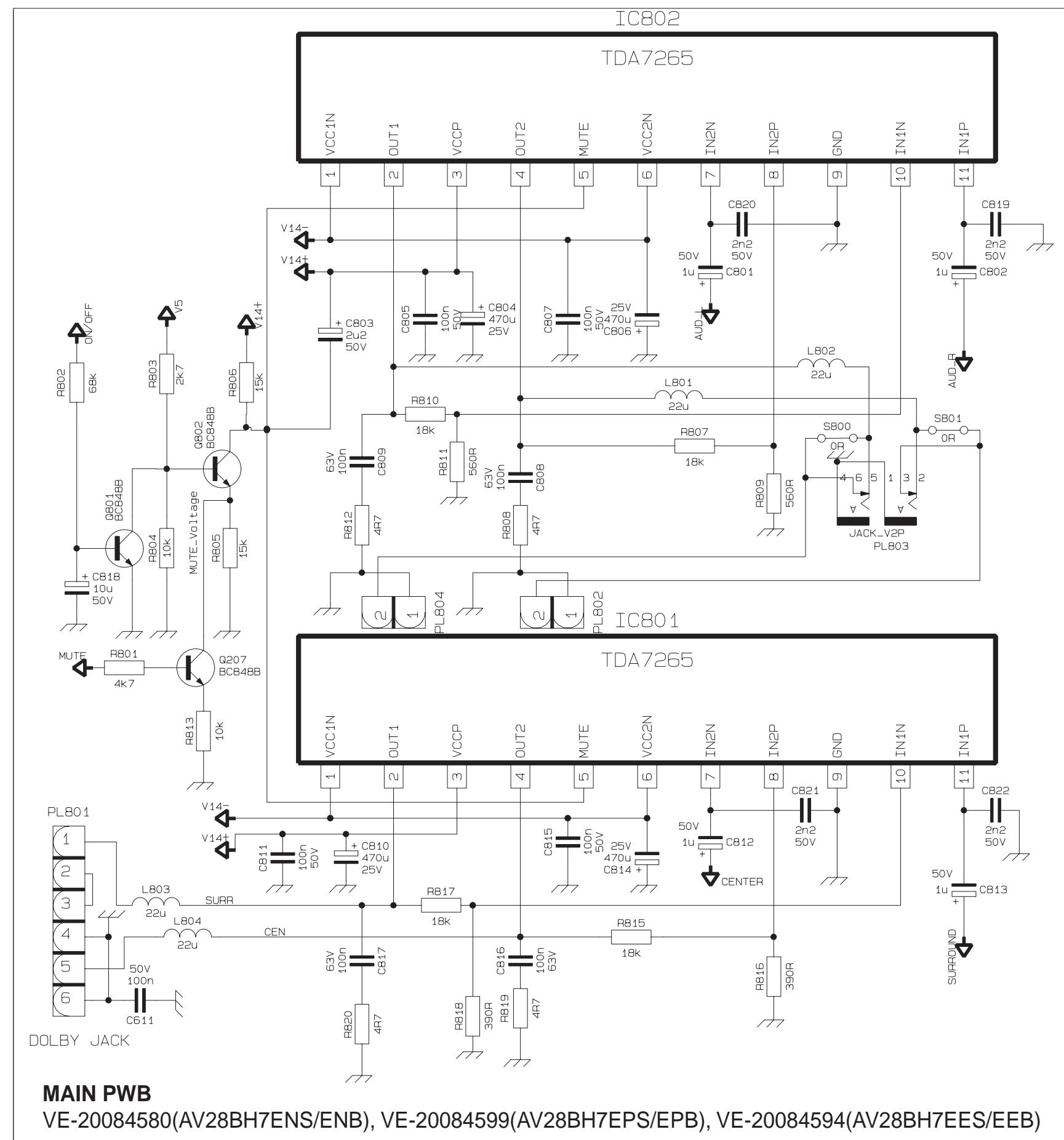


MAIN PWB CIRCUIT DIAGRAM (2/3)

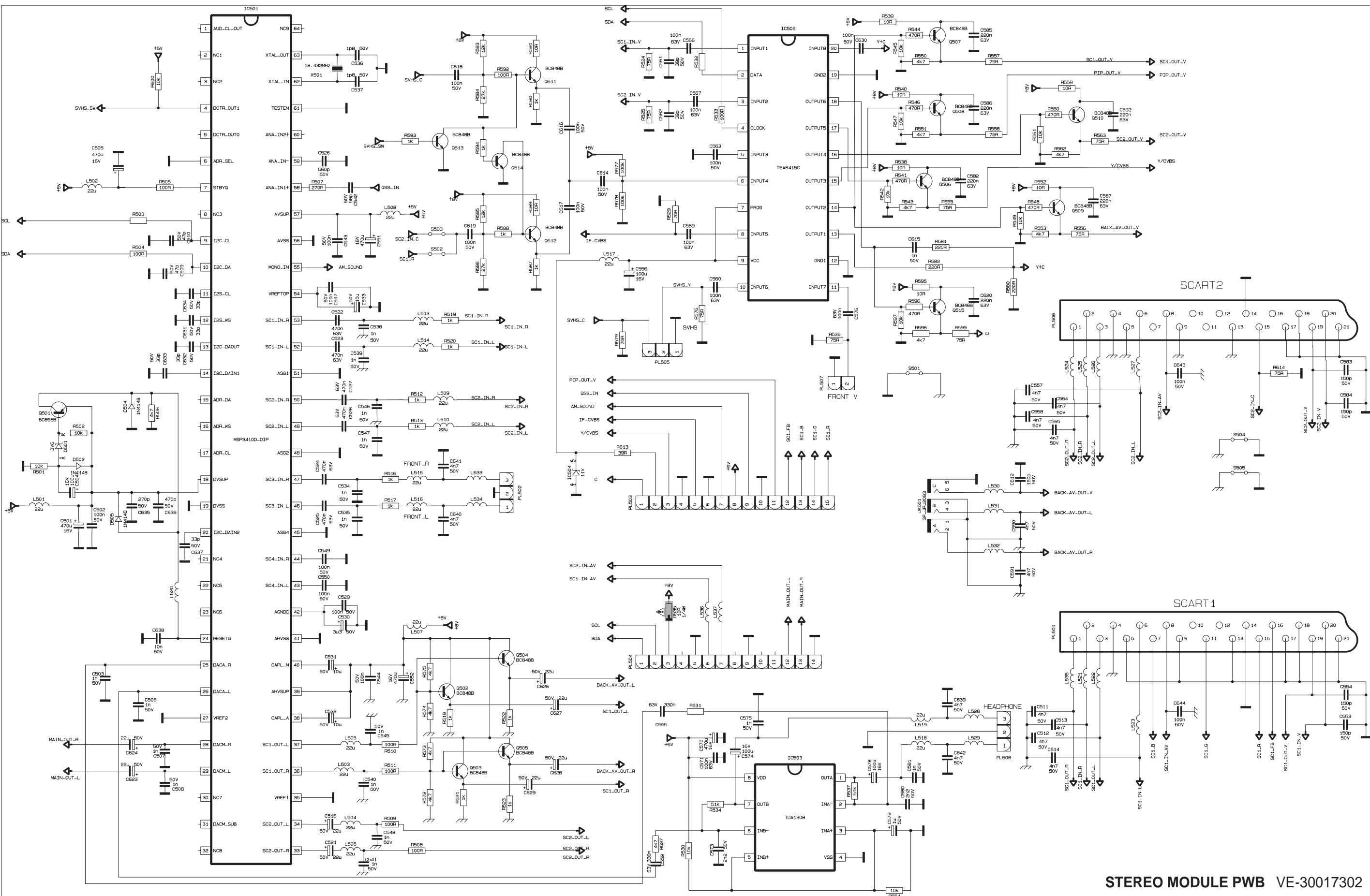


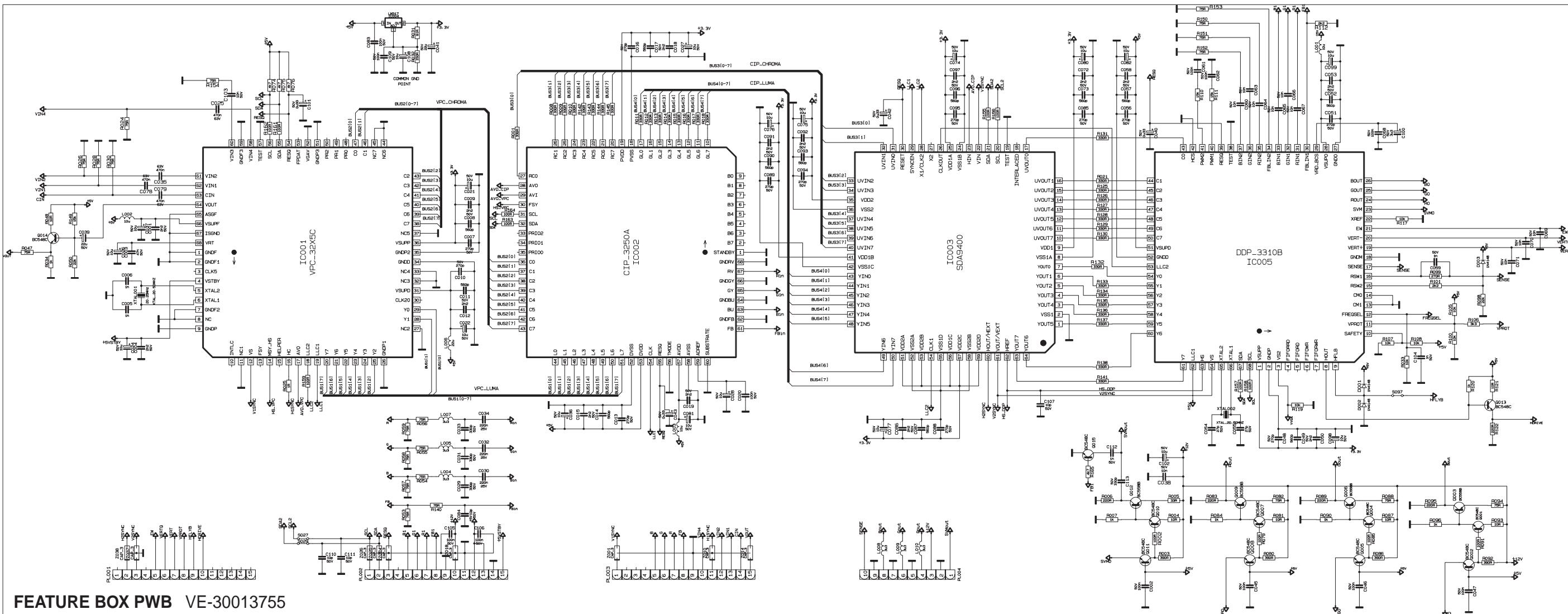
| POSITION | VESTEL CODE | EE VERSIONS | EN VERSIONS | EP VERSIONS |
|----------|-------------|----------------------------|-----------------------------------|---|
| C424 | - | - | - | VE-30000387 CAP EL 33UF 50V M |
| C454 | VE-30000345 | CAP EL 10UF 50V M | VE-30000345 CAP EL 10UF 50V M | - |
| C430 | - | - | - | VE-30000294 - |
| C479 | - | - | - | VE-30000362 - |
| C493 | - | - | - | VE-30000384 - |
| C494 | - | - | - | VE-30000345 - |
| C496 | - | - | - | VE-30000413 - |
| D401 | VE-30001735 | JUMPER SMD 1206 | VE-30001735 JUMPER SMD 1206 | VE-30001285 JUMPER SMD 1206 |
| D402 | - | - | - | VE-30001735 - |
| IC401 | VE-30001495 | IC TDA4472 | VE-30001495 IC TDA4472 | VE-30001494 IC TDA4472 |
| Q401 | - | - | - | VE-30001457 - |
| Q405 | - | - | - | VE-30000457 - |
| Q406 | - | - | - | VE-30001457 - |
| R401 | - | - | - | VE-30000665 - |
| R403 | - | - | - | VE-30000668 - |
| R417 | - | - | - | VE-30000778 - |
| R418 | - | - | - | VE-30000593 - |
| R432 | - | - | - | VE-30000787 - |
| R437 | - | - | - | VE-30000499 - |
| R438 | - | - | - | VE-30000655 - |
| R439 | - | - | - | VE-30000469 - |
| R446 | - | - | - | VE-30000469 - |
| R447 | - | - | - | VE-30000469 - |
| R516 | - | - | - | VE-30000664 - |
| R517 | - | - | - | VE-30000664 - |
| S401 | VE-30001734 | JUMPER SMD (0805) | VE-30001734 JUMPER SMD (0805) | - |
| T402 | VE-30001726 | FILTER SER TRAP TPS 6.5MHZ | - | VE-30001726 FILTER SER TRAP TPS 6.5MHZ |
| VL401 | VE-30002037 | ADJ COIL VIF 38.9 Q80 | VE-30002037 ADJ COIL VIF 38.9 Q80 | VE-30002036 ADJ COIL VIF 38.9 Q80 |
| VL401 | - | - | - | VE-30001069 RES ADJ 0.15W 47K VER (MAN) |

MAIN PWB CIRCUIT DIAGRAM (3/3)



MULTI SOUND PWB CIRCUIT DIAGRAM



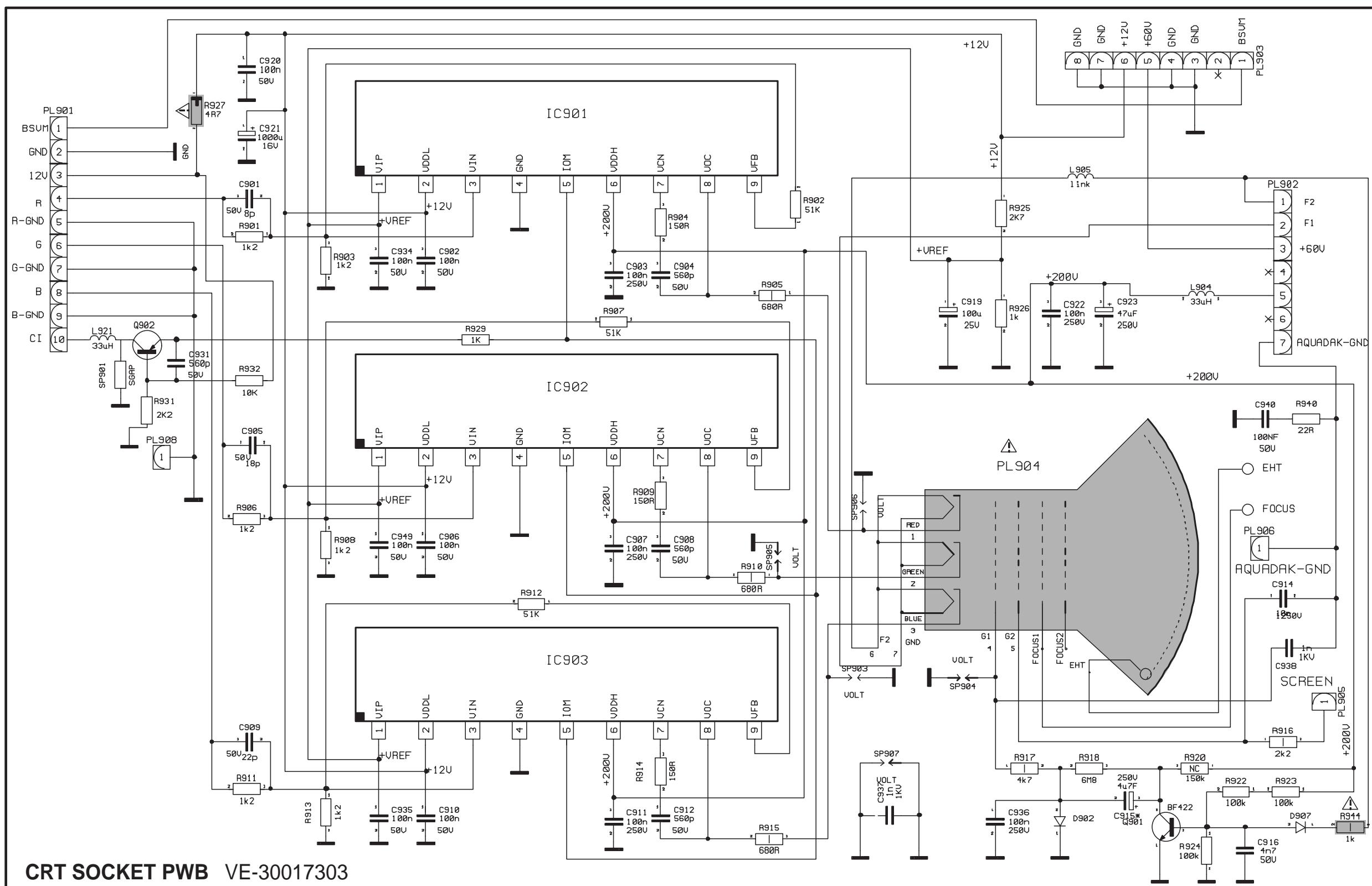


FEATURE BOX PWB VE-30013755

CRT SOCKET PWB CIRCUIT DIAGRAM

AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB

AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB

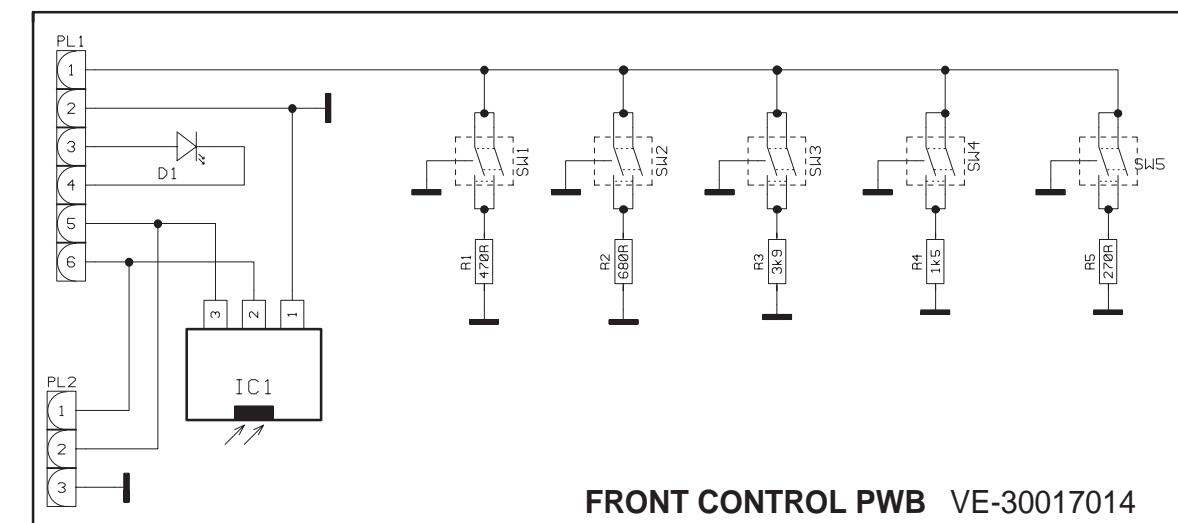
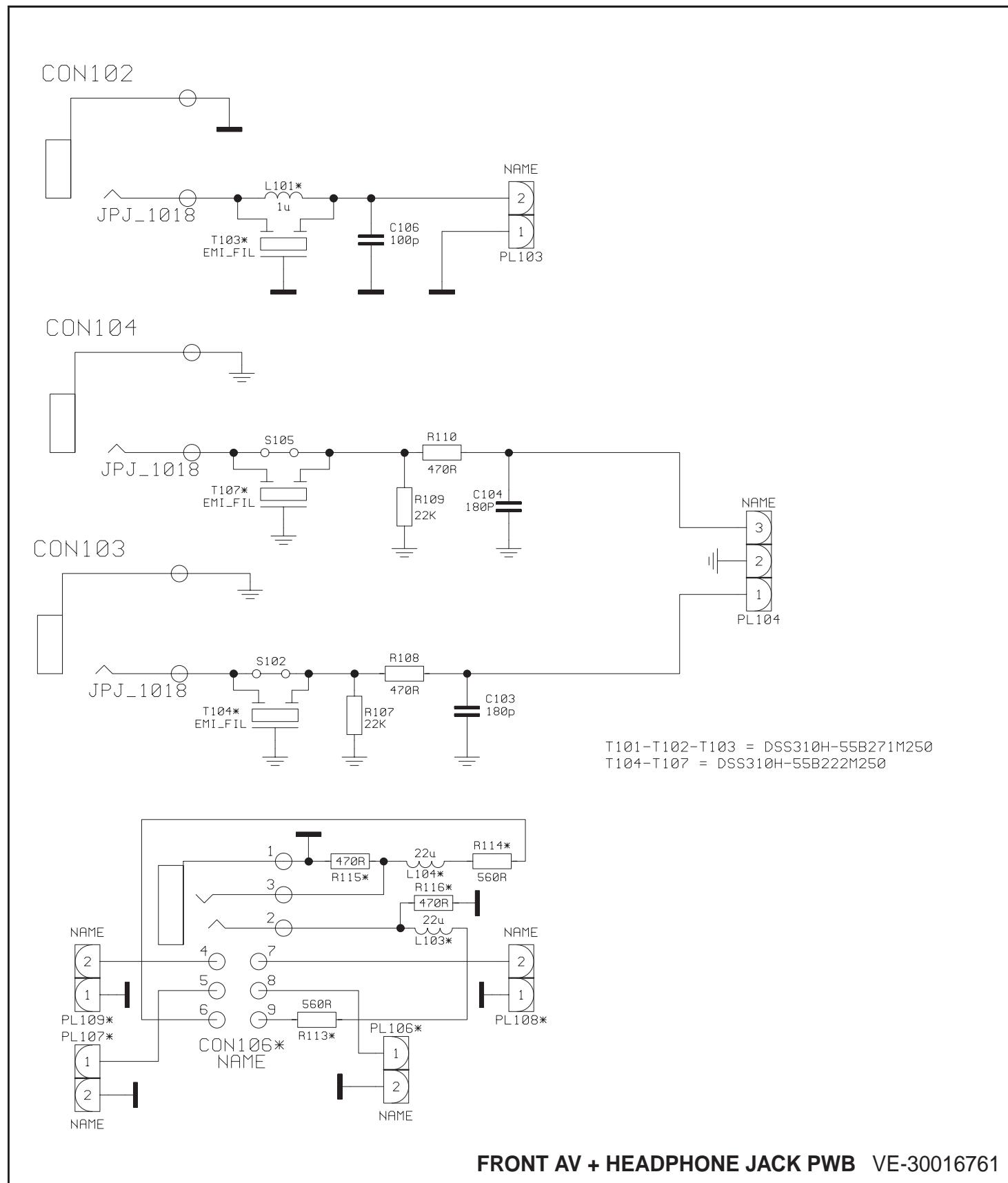


FRONT AV + HEADPHONE JACK PWB CIRCUIT DIAGRAM

AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB

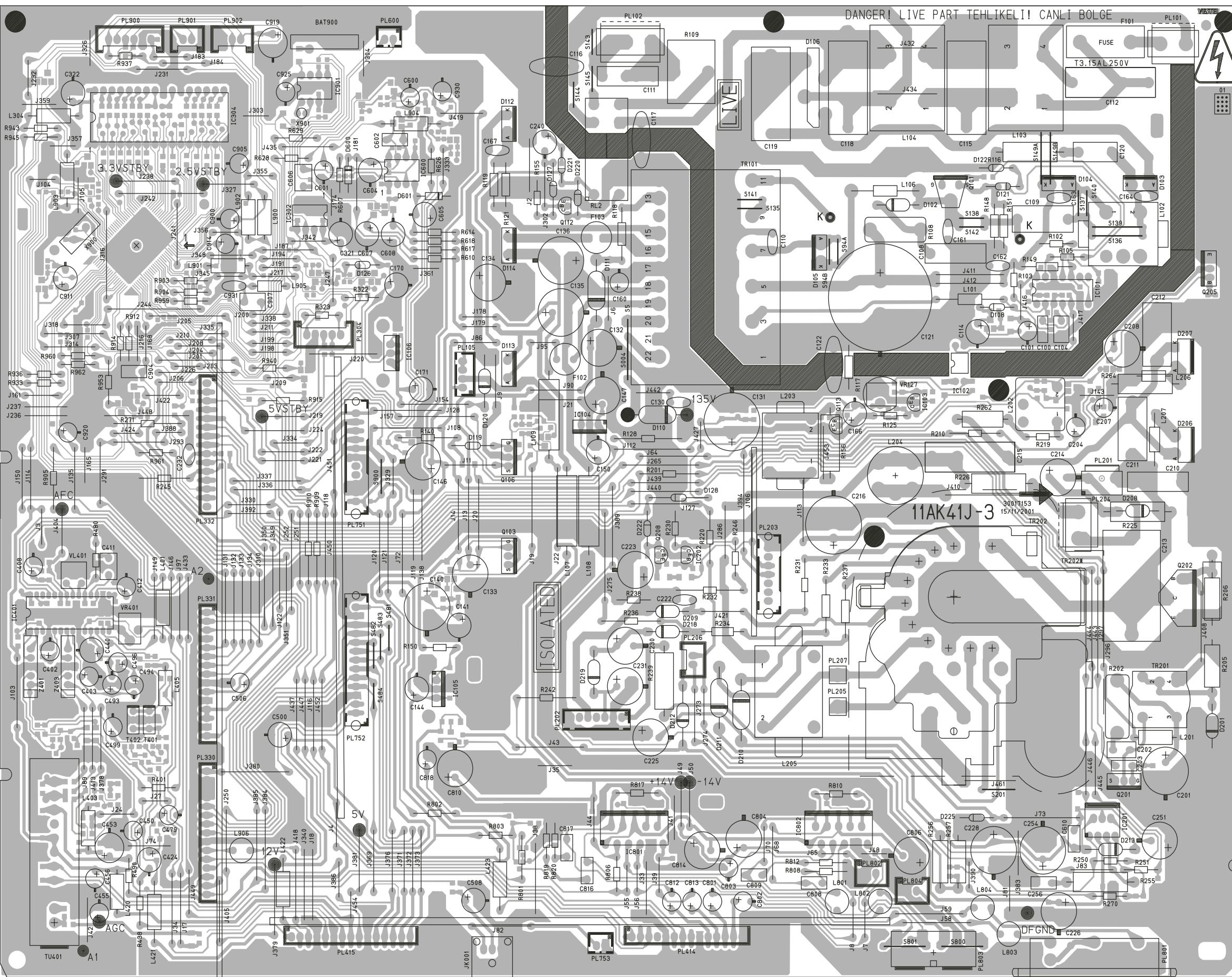
AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB

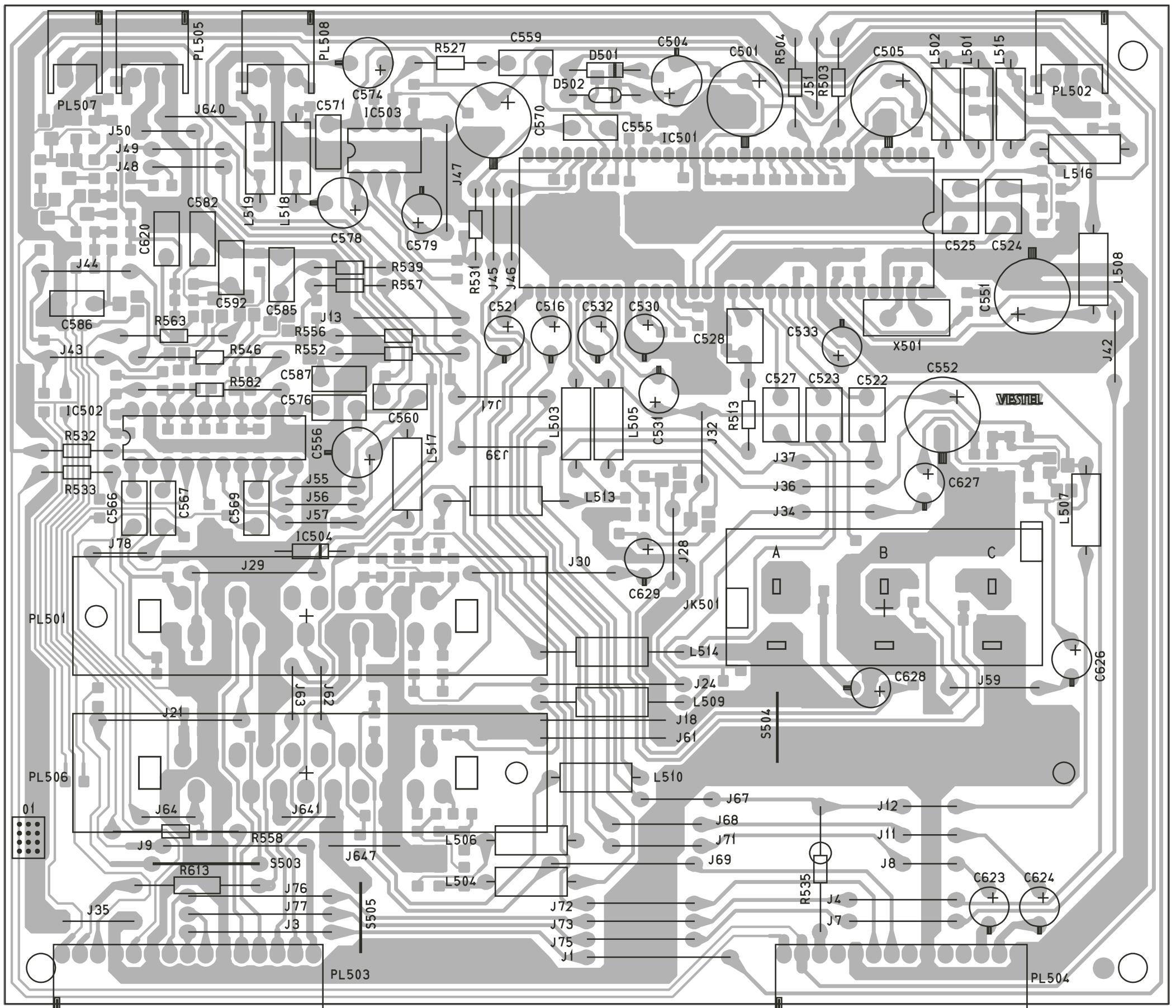
FRONT CONTROL PWB CIRCUIT DIAGRAM

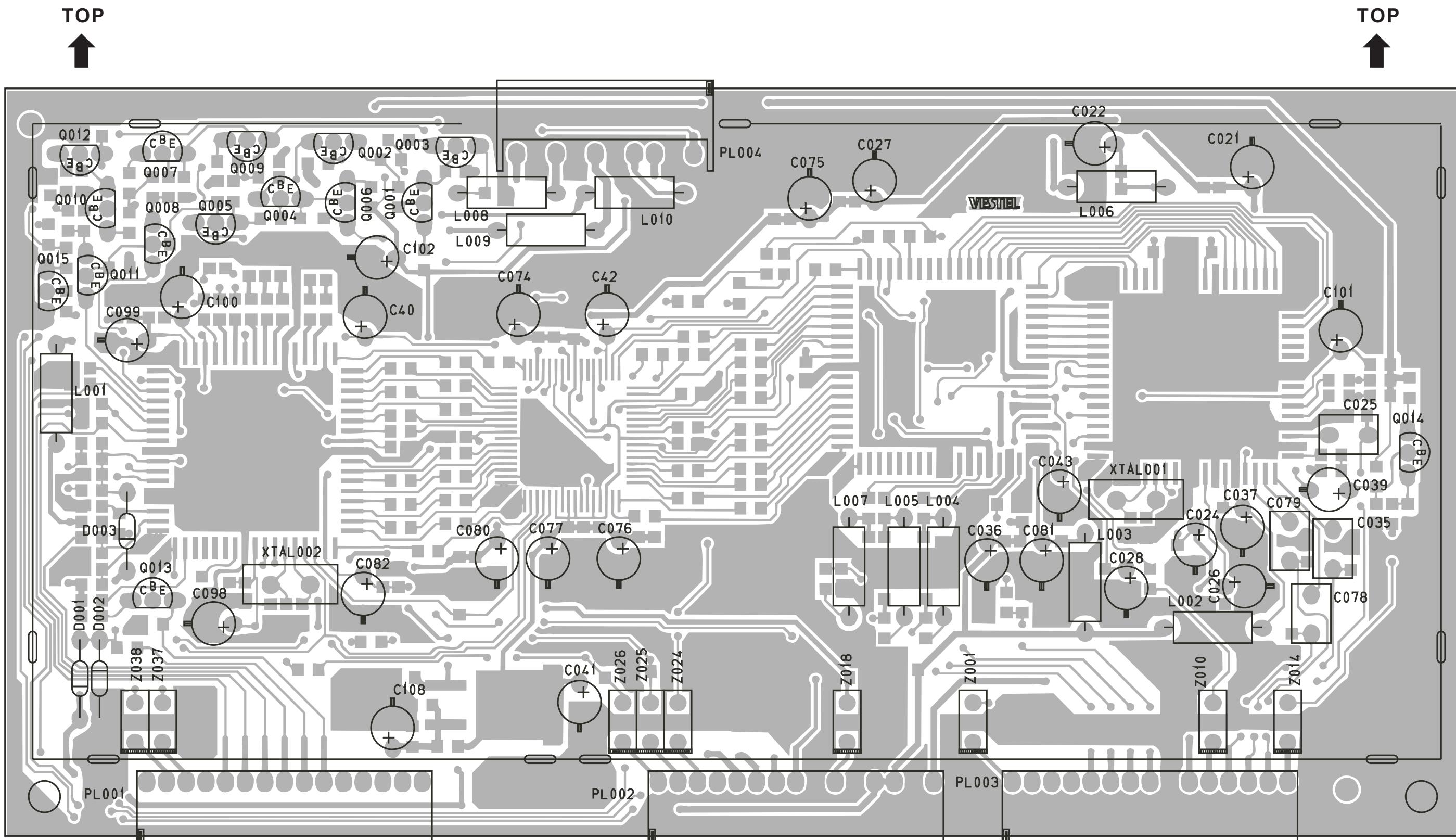


PATTERN DIAGRAMS *MAIN PWB PATTERN*

FRONT



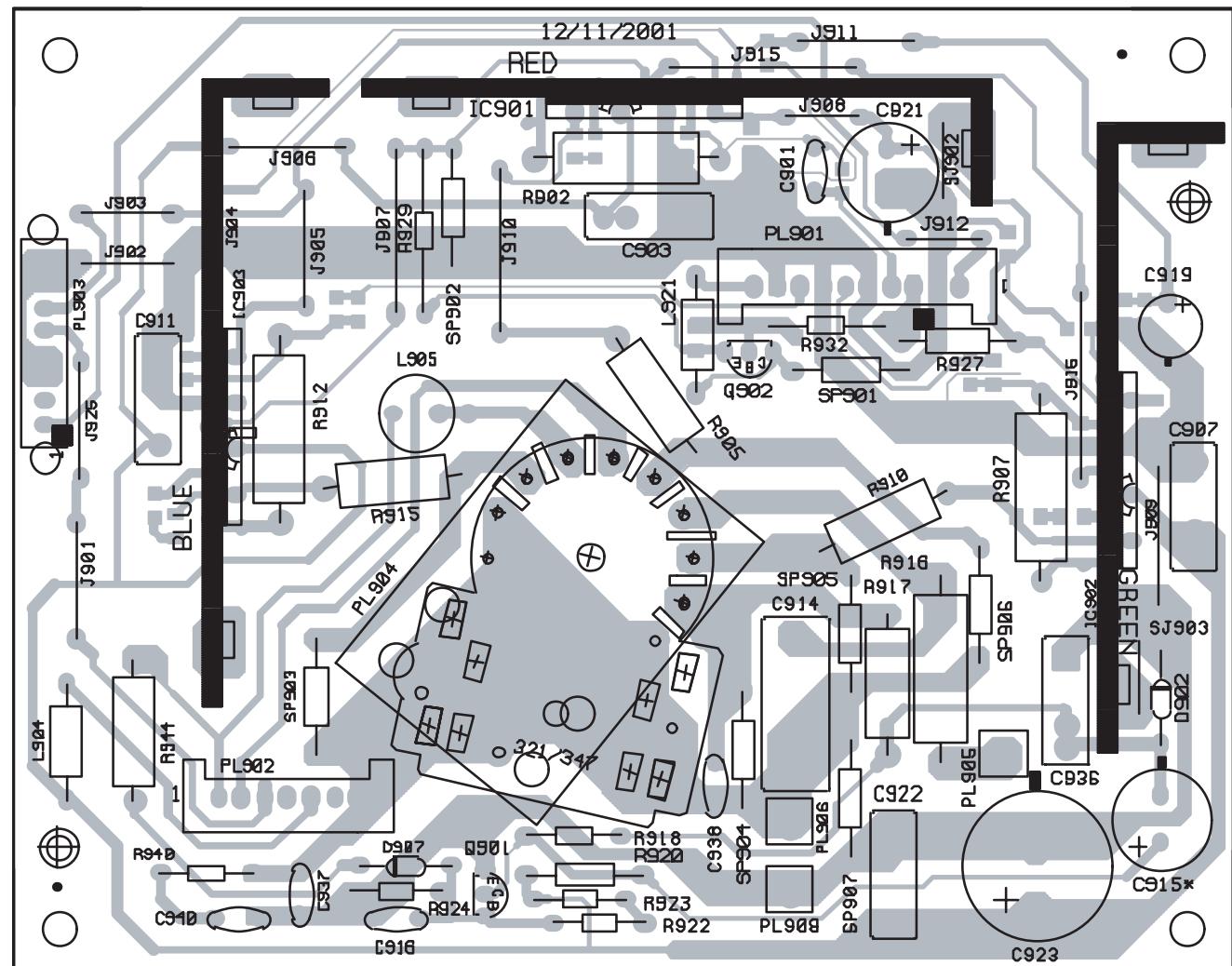
TOP
↑



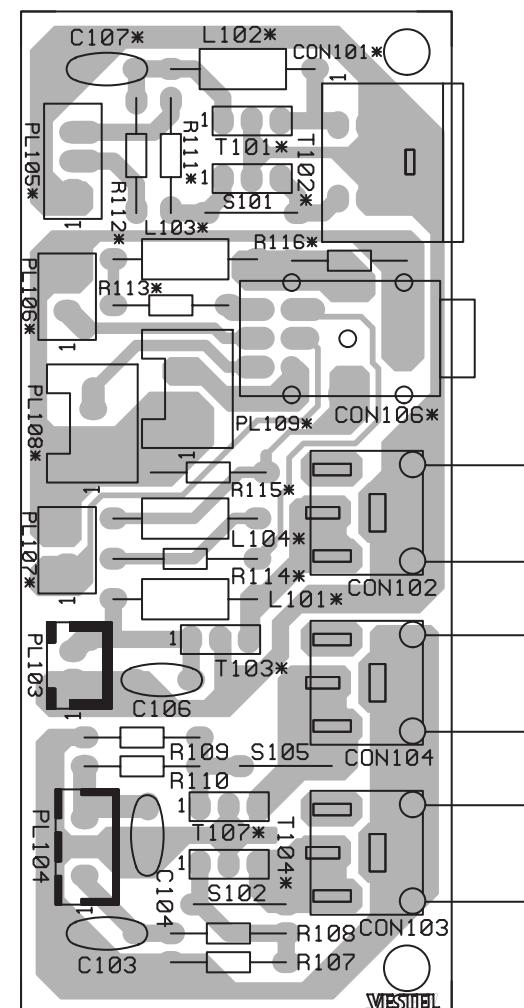
CRT SOCKET PWB PATTERN

AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB

AV28BH7ENS / AV28BH7ENB
AV28BH7EPS / AV28BH7EPB
AV28BH7EES / AV28BH7EEB

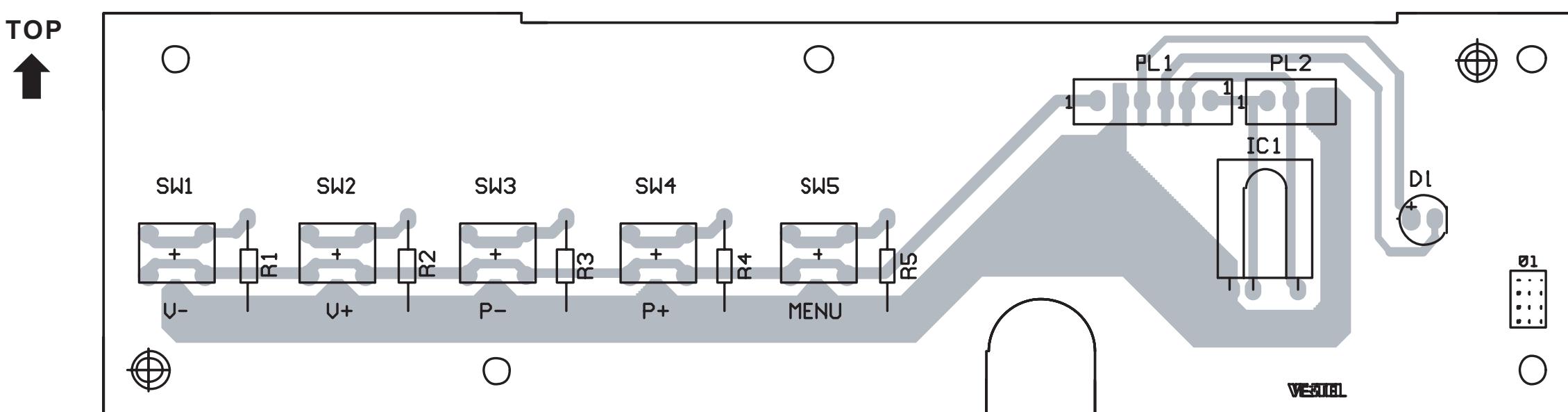


TOP



FRONT

FRONT CONTROL PWB PATTERN



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